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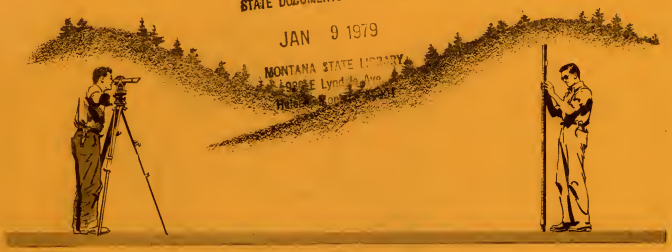
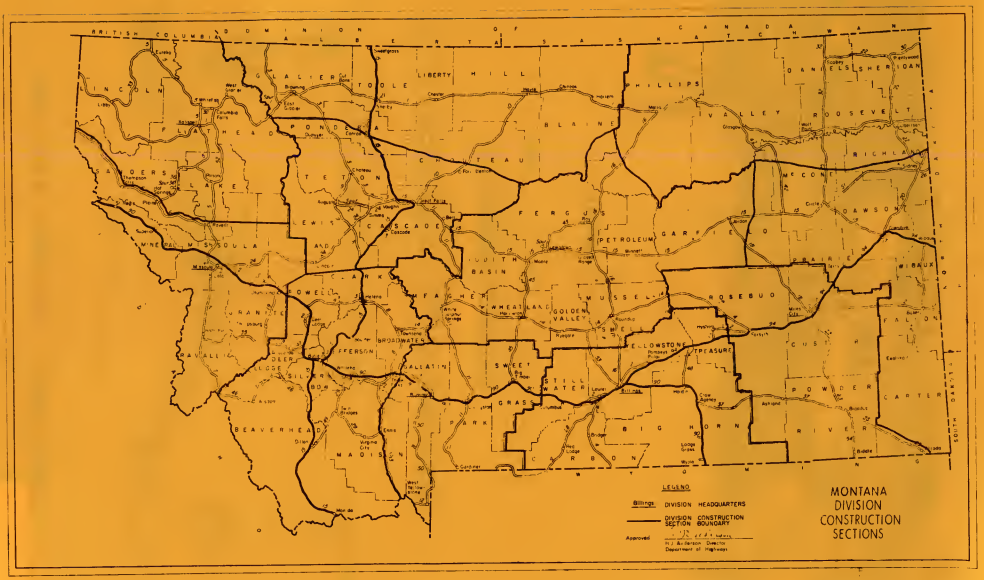


FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST MONDAY OF THE MONTH

JANUARY 2, 1979



BRITISH COLUMBIA
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MONTANA DEPARTMENT OF HIGHWAYS

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CONSTRUCTION BUREAU

MISSOULA, MONTANA

DECEMBER 29, 1978

Montana Department of Highways
Helena, Montana 59601

Progress Report

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending December 29, 1978

G E N E R A L

Skies have been mostly cloudy with snow falling during the past period. Most projects have shut down for the winter.

P R E C O N S T R U C T I O N

F 6-1(5), Thompson Falls - East
Length - 10 Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

F 7-1(9), Darby - North & South
Length - 17 Miles
Work will be started when personnel are available.

Personnel Unassigned

FF 7-1(11), Florence - Lolo, Add 2 Lanes
Personnel on other projects.
No work on this design this period.
Design remains 29% complete.

Jim Smith, Designer II
Missoula, Montana
Phone 549-6491

F 197(8), Dixon - Ravalli
Length - 8.5 Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

RS 263-1(4)1, Mullan Road - Missoula
Length - 0.9 Miles

Charles Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491

Progress the past week has been slow due to snow and slick roads which caused hazardous working conditions. Work started 12-18-78 with one man getting permissions to enter private property. A 5 man crew started on 12-19-78 locating points on project CF 24, RS-10 (6), Mullan Road. Control points have been set and angles turned from the end of the above mentioned project to past Flynn Lane Rd. Topog. of the edge of oil and fences has begun to see what degree of curves will fit the present alignment. Project is estimated to be 5% complete with 34 man days being used.

RS 269-1(01), State Route 269, Stevensville
Length - 0.8 Miles

Jim Smith, Designer II
Missoula, Montana
Phone 549-6491

Work this past period consisted of computations of quantities. Design is 40% complete. Personnel on other projects.

C O N S T R U C T I O N

I 90-1(80)U-2, Lookout Pass - Saltese
Median Rail Removal
Contract Let - February 23, 1978
Amount of Contract - $139,660.40
Work Proceed Date - April 21, 1978
Work Started - June 7, 1978

R. Redding Construction Co., Inc.
Spokane, Washington, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 100 Working Days
Probable Completion Date-June 1979

The project is shut down for the winter. The contractor will be required to replace the deck slab on the structure at Sta. 347 + 52. Construction layout is 100% complete; 123% of the contract time has elapsed; and the contract is 95% complete.

I 90-1(78)11, Saltese - DeBorgia
Length - 10.8 Miles
PMS, PCCP, & Related Items
Contract Let - April 28, 1977
Amount of Contract - $6,244,632.55
Work Proceed Date - May 24, 1977
Work Started - June 8, 1977

Peter Kiewit Sons' Company
Billings, Montana, Contractor
Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2460
Contract Time - 240 Working Days
Probable Completion Date - June 1979
Effective Opening Date - 11/29/78

All work has been suspended on this project for the winter. A three man engineering crew is in the office working on final quantities. Contract remains 90% complete with 72% of the contract time elapsed. Construction layout is 85% complete.

I 90-1(77)22, U-4, Drexel East & West
Construction Dual 122.5 Ft. Concrete
Girder Overpass (Drexel Interchange)
Contract Let - June 27, 1977
Work Proceed Date - July 18, 1977
Work Started - July 18, 1977
Amount of Contract - $403,433.16

C.O.P. Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 150 Working Days
Completion Date - July 19, 1978
Effective Opening Date -_____

Final estimate will be submitted to Helena about January 15, 1979.

I 90-1(77)22, U-5, Drexel East & West
Two Concrete Girder Bridges
Contract Let - February 24, 1977
Amount of Contract - $1,102,551.98
Work Proceed Date - April 18, 1977
Work Started - April 29, 1977

McIntyre Construction Co. &
S. Birch, Inc.
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 200 Working Days

Final acceptance was made on November 29, 1978. The final estimate will be submitted to the Division Office about March 1, 1979.

I 90-1(77), U-6, Drexel - East & West
Length - 1.207 Miles
Construction of End Bents & Composite Steel
and Concrete Girder Bridges
Contract Let - May 26, 1977
Amount of Contract - $1,242,649.35
Work Proceed Date - June 24, 1977
Work Started - July 26, 1977

McIntyre Construction Co. S.
Birch, Inc., Great Falls, Montana
Larry Chezik, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 175 Working Days
Probable Completion Date -June 1979
Effective Opening Date -_____

The bridge rail has been placed on the structure at Sta. 169. The project is shut down for the winter. The project as a whole is 78% complete with 90% of the contract time elapsed.

I 90-1(77)22, U-7, Drexel - East & West
Length - 5.342 Miles
Grading, Agg. Surf. PMB & Sign
Contract Let - April 27, 1978
Amount of Contract - $7,478,434.20
Work Proceed Date - May 22, 1978
Work Started - May 22, 1978

Rehbein Contracting, Inc.
Plains, Montana, Contractor
James Cyr, Field Project Manager
St. Regis, Montana, Phone 649-2601
Contract Time - 300 Working Days
Probable Completion Date - Dec. 1979
Effective Opening Date -_____

The contractor has suspended his operations for the winter months. The project is 48% complete with 39% of the contract time elapsed. Unclass. Exc. is 67% complete, Mobilization is 60%; Clearing and Grubbing is 99%, Topsoil Salv. and Placing is 28%; Base Coarse Gr. 6A is 29%; P.M. Gr. B is 30%; Conc. Cl. AD is 100%; Rip Rap Cl 2 Random is 65%; Pipe Installation is 55%; Bin Wall is 57% and Cost of Training is 61% complete. One five man survey crew is engaged in field work. Three office personnel are checking notes and working new Template Notes for the Project.

I-IG 90-1(61)27, U-1, St. Regis - East & West
Length - 151 Ft. Prestressed Girder Bridge
376.03 Composite Steel and Concrete Girder
Bridge over St. Regis River
Contract Let - March 31, 1977
Amount of Contract - $1,007,222.56
Work Proceed Date - April 26, 1977
Work Started - April 26, 1977

C.O.P. Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 250 Working Days
Completion Date - October 27, 1978
Effective Opening Date - _____

Work on the final estimate quantities is underway in the field office.

I-IG 90-1(61)27, U-2, St. Regis - East & West
Length - 212.5 Ft. Prestressed Concrete
Girder Bridges over St. Regis River
78.0 Dual Separation Street
Contract Let - June 22, 1978
Amount of Contract - $633,002.62
Work Started - July 19, 1978
Work Proceed Date - July 14, 1978

Sletten Construction Company
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 160 Working Days
Probable Completion Time - Nov. 1979
Effective Opening Date-_____

The subcontractor has placed the fill for the south approach to the bridge at Sta. 525. The filter material and riprap has also been placed. The fill and some of the filter material and riprap has been placed at the north approach to the bridge. Construction layout is 91% complete; 59% of the contract time has elapsed; and the contract is 48% complete.

I-IG 90-1(61)27, U-3, St. Regis - East & West
Structures & Detour
Dual 285 Ft. Prestressed Concrete
Girder Bridges
Amount of Contract - $2,009,230.57

Sletten Construction Company
Great Falls, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 240 Working Days

Project awarded subject to FHWA concurrence.

I 90-1(59)35, St. Regis - East
Length 3.6 Miles, GR-Agg. Surf,-PMB
Sign & Flasher Installation
Amount of Contract - $2,823,425.90
Work Proceed Date - April 18, 1977
Work Started - January 25, 1977

Washington Construction Company
Missoula, Montana, Contractor
James Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 200 Working Days
Probable Completion Date - Jan. 1979
Effective Opening Date - Sept, 18, 1978

The project is shut down. The Changeable Message Sign has not been installed. The project as a whole is 99% complete with 87% of the contract time elapsed. Three engineers are working on the final estimate.

I 90-1(83)35, St. Regis - East
PCCP & Related Items
Contract Let - August 24, 1978
Amount of Contract - $1,661,621.92
Work Proceed Date - September 15, 1978
Work Started - _____

Northwest Construction, Inc.
Kirkland, Washington, Contractor
Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2460
Contract Time - 150 Working Days
Probable Completion Date - Dec. 1979

Work has not started on this project to date. A five man engineering crew is resetting control points and running levels. Contract is 0% complete with 23% of the contract time elapsed.

I-IG 90-1(67)64, U-1, Tarkio - East
867 Ft. Composite Steel &
Concrete Girder Bridge
Amount of Contract - $2,589,729.30

Sletten Construction Company
Great Falls, Montana, Contractor
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 280 Working Days

The contract has not been awarded.

I 90-1(70)76, Alberton - East
I 90-2(51)78, U-1, Huson - West
Length - 6.0 Miles
Grading, Agg. Surf. P.M. Surf. Fencing
Amount of Contract - $2,796,608.96
Work Proceed Date - April 17, 1978
Work Started - February 21, 1978

Hilde Construction Company
Great Falls, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 180 Working Days
Probable Completion Date - May 1979
Effective Opening Date - _____

This project is shut down for the winter. Excav. Unclass. is 100% complete; Borrow 93%; Base Course 3" 100%; Base Course 1½" 76%; Plant Mix Surf. 23%. Construction layout is 82% complete. The project as a whole is 71% complete with 78% of the contract time elapsed.

I 90-3(45)144, Safety Guardrail Upgrade
Bearmouth Canyon
Amount of Contract - $77,867.00
Work Proceed Date - August 28, 1978
Work Started - November 9, 1978

Western Sign Corporation
Great Falls, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 30 Working Days
Effective Opening Date - NA

The contractor returned to the project and replaced guardrail bolts and two sections of rail that was removed earlier. Construction layout is 100% complete; 19% of the contract time has elapsed; and the contract is 5% complete.

FF 7-1(2)46, U-1, Hamilton - North
55 Ft. Concrete Girder Bridge &
Detour
Amount of Contract - $363,507.70
Work Proceed Date - April 16, 1979
Work Started - _____

Frontier-West, Inc.
Missoula, Montana, Contractor
Allan Dutton, Field Project Manager
Hamilton, Montana, Phone 363-1539
Contract Time - 150 Working Days
Probable Completion Date - Nov. 1979

Frontier-West, Inc. have not started on the bridge and detour and hope to get started after the first of January. A 5 man engineering crew have been staking bridge and detour, and taking topog on utilities of Hamilton North. Three men have been working in the office computing grades and staking notes. Construction layout is 75% complete.

FF 7-2(4)90, U-1, Missoula
Furnishing Signal Material for
Intersection of Brooks & Reserve St.
Amount of Contract - $27,064.09
Contract Let - May 25, 1978
Work Started - October 23, 1978

Skinner Enterprises
Helena, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - October 31, 1978

There has been no change since the last report. 40% of the material is in storage in Missoula, and we have not received any word as to his probable completion. The contract is 40% complete and 100% of the contract time has elapsed.

F 41-1(4)20, Helmville
Plant Mix Paving
Length - 7.8 Miles
Amount of Contract - $806,246.62

Meyer Construction Company
Billings, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 75 Working Days

The contract was awarded December 15, 1978.

F 71-1(2)0, West Broadway - Missoula
Length - 0.7 Mile
Grading, Agg. Surf., P.M. Surf
Seal, Cover & Signing
Amount of Contract - $413,286.30

American Asphalt Inc.
Missoula, Montana, Contractor
James Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 70 Working Days

Contract was awarded December 15, 1978.

F 93-1(1)0, U-2, Lolo Pass - Lolo
Length - 16.5 Miles
Plant Mix Overlay & Striping
Contract Let - June 22, 1978
Amount of Contract - $2,046,525.80

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Hamilton, Montana, Phone 363-1539
Contract Time - 120 Working Days
Probable Completion Date - June 1979
Effective Opening Date - NA

For the past two weeks the crusher has been crushing out 3/4" Plant Mix Agg. Grade B for stockpile up until December 15, 1978 when the contractor suspended crushing operations until next spring. Construction layout is 90% complete; 47% of the contract time has elapsed; and the contract as a whole is 60% complete.

RS-DP 224(14), U-2, Reserve Street
Length - 148 Ft. Concrete Girder Overpass Over C.M. St. P. & P. Railroad Approaches & Fencing
Amount of Contract - $360,910.77
Contract Awarded - May 2, 1977
Contract Let - April 28, 1977
Work Proceed Date - May 23, 1977
Work Started - July 6, 1977

General Construction Company
Butte, Montana, Contractor
Chuck Hegman, Field Project Manager
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 105 Working Days
Probable Completion Date - May 1979
Effective Opening Date - _____

All work on this project, with the exception of repair of fence and seeding is 100% complete. 99% of the construction layout is complete; 91% of the contract time has elapsed; and the contract as a whole is 99% complete.

RS-DP 224(14), U-3, Reserve Street
Length - 33.14 Ft. Prestressed Concrete Girder Bridge
Contract Let - October 27, 1977
Amount of Contract - $635,990.40
Work Proceed Date - April 17, 1978
Work Started - November 22, 1977

Sletten Construction Company
Great Falls, Montana, Contractor
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 200 Working Days
Completion Date - October 6, 1978
Effective Opening Date - _____

The engineering crew is engaged on other projects. The final estimate will be submitted to the Division Office about March 15, 1979.

RS-DP 224(14), U-4, Reserve Street
Length - 1.3 Miles
Grade, Agg. Surf. CTB, Concrete Paving and Traffic Control
Contract Let - February 23, 1978
Amount of Contract - $1,569,222.20
Work Proceed Date - April 21, 1978
Work Started - April 24, 1978

Peter Kiewit Sons' Company
Billings, Montana, Contractor
Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 140 Working Days
Probable Completion Date - June 1979
Effective Opening Date - _____

The project is shut down for the winter. Additional traffic control items have been installed to try to keep traffic from using the road. Embankment is about 98% complete; 3" C.B.C. is about 77% complete; 1½" C.B.C. is 100% complete; 3/4" C.T.S. is about 89% complete; Pl. Mix Bit. Surf. Gr. "B" is about 75% complete and Class "D" concrete is about 98% complete. The construction layout is 85% complete; the contract as a whole is 68% complete; and contract time elapsed is 71% complete.

RS 343(12)Avon - Helmville
Length - 5.1 Miles - G-Agg., Surf.-PMB Widen and Guardrail Revision
Contract Let - May 27, 1976
Amount of Contract - $1,158,747.12
Work Proceed Date - June 18, 1976
Work Started - July 7, 1976

Washington Construction
Missoula, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 150 Working Days
Completion Date - July 27, 1977
Effective Opening Date - NA

Final estimate was submitted to Helena December 12, 1978.

PMS 4140(52), U-8 & U-11, Lake, Sanders & Missoula Counties
Pavement Markings for various intersections
Contract Let - February 23, 1978
Amount of Contract - $239,586.51
Work Proceed Date - April 21, 1978
Work Started - July 11, 1978

Swanston Equipment Company
Fargo, North Dakota, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 90 Working Days
Probable Completion Date - June 1979
Effective Opening Date - NA

The contractor was shut down October 14, 1978 due to inclement weather. The contract as a whole is 59% complete with 56% of the contract time elapsed. Construction layout is 75% complete.

M 8103(2), U-1, Securement of Equipment
Contract Let - March 30, 1978
Amount of Contract - $23,198.00
Work Started - July 31, 1978

Western Sign Corporation
Great Falls, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - August 1, 1978
Completion Date - December 7, 1978

The final estimate will be submitted to the Division Office about January 18, 1979.

M 8103(2), U-2, South Ave. & Reserve St. Traffic Signals & Lighting
Contract Let - September 28, 1978
Amount of Contract - $89,992.60
Work Proceed Date - October 25, 1978
Work Started - November 2, 1978

Long Construction Company, Inc.
Missoula, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 40 Working Days
Completion Date - _____

The contractor started to work on November 2, 1978 but had to shut down November 14, 1978 due to inclement weather. Street exc. is 75% complete; curb and gutter is 40% complete; drainage is 75% complete; with project as a whole being 10% complete.

M 8107(4), North Orange Street, Missoula
Length - 0.8 Miles, Lighting & Overhead Monitor.
Contract Let - August 25, 1976
Amount of Contract - $85,663.22
Work Proceed Date - September 20, 1976
Work Started - March 11, 1977

Midland Electric Company
Billings, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 60 Working Days
Completion Date - December 12, 1978
Effective Opening Date - NA

The contractor is going to install one more component when the weather is favorable.

M 8117(1), Intersection of Higgins & South
Installation of traffic signals, Intersection Improvements & Landscaping
Amount of Contract - $105,102.59

Livesay Traffic Maintenance, Inc.
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 45 Working Days

Contract was awarded December 15, 1978.

M 8199(6), U-1, CBD Signal Update
Replacing Signal Controllers
Project Let - February 23, 1978
Amount of Contract - $32,341.00
Work Proceed Date - April 21, 1978
Work Started - November 6, 1978

Allen Electric Company
Helena, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 15 Working Days
Probable Completion Date - Nov. 30, 1979
Effective Opening Date - NA

The contractor installed the new pedestal but the new controller does not function properly. Construction layout is 100% complete; and the contract as a whole is 90% complete.

Willard Neighbors
FOR- BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM: WN: cdj

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DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

DECEMBER 29, 1978

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending December 29, 1978.

G E N E R A L

Progress has been slow due to winter conditions. Weather was mostly cloudy throughout the period with periods of cold winds and snow. Day time temperatures ranged from 5° to 35° with night temperatures from -12° to $+25^{o}$. Highways are in average winter driving condition.

P R E - C O N S T R U C T I O N

HHS-1-1(02) Libby-Kalispell
Length - 2.8 Miles
Design Started - April 5, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

The survey was completed and design started on the Lion Springs and Elk Hill alignments. A location survey of the section between these alignments will be made when personnel are available, sometime this winter. Forty eight man days have been used to date on design, which is approximately 7% complete.

HHS-1-2(4) 109 Kila-West
Fencing High Hazard Area
Length - 2.4 Miles
Survey Authorized - November 1, 1977
Work Not Started

Personnel Unassigned

This survey will be performed when personnel are available.

F-38-1(03) Columbia Falls East & West
RS 486-1(1) Nucleus Avenue
Length - 5.4 Miles
Design Started - Jan. 14, 1975

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - March 2, 1979

F-38-1(03)

Design personnel worked eight man days the past period on reviewing and correcting summary sheets. Final design will be completed after the storm drain design is received from the Hydraulics Unit. 368 man days have been used to date on design, which is approximately 70% complete. A three to four member crew worked 15 days the past period setting right of way and construction permit areas.

RS-486-1(1)

Design will be completed after the storm drain plans are received from the Hydraulics Unit. 85 man days have been used to date on design, which is approximately 70% complete.

F-1-2(3)148 & LSF-1-257(5)
Coram-West Glacier Section
Length - 4.8 Miles
Scheduled for April 1979 Letting

Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502

The U.S. Forest Service clearing contractor worked fifteen days the past period. There was no work on this project by field personnel.

Utilities

Montana Power Co. - No work this past period. Gas line relocation remains 60% complete.
Northwestern Telephone Systems, Inc. - 100% complete.
Mountain States Telephone - 100% complete.
Flathead Electric Co-op- No work this past period. Waiting on right of way settlement of two parcels. Relocation remains 90% complete.
Burlington Northern Railroad - Relocation is 98% complete. No word on when Burlington Northern will retranspose their lines to complete the project.

F-1-2(3)142 & LSF-1-257(5)
Hungry Horse - Coram Section
Scheduled for March 1979 Letting

Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502

A four man average crew worked 17 days the past period setting right of way and picking up various topog around Martin City.

F-5-4(1) Stryker-Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design the past period. 157 man days have been used to date on design, which is approximately 18% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design the past period. The Flathead County Commissioners intend to have the two bridges on the project built with Federal Bridge Funding and not Secondary Road Funds. Design will proceed in the near future on redesigning the section of roadway in the vicinity of the Whitefish River. Plans will then be prepared to enable a future public hearing to be held on the section of the project from U.S. #93 east to LaSalle Road. 82 man days have been used to date on design, which is approximately 12% complete.

F-5-2(03) Flathead County Line - South
Length - 7.5 Miles
Survey Authorized - July 5, 1977
Work Started - Sept. 19, 1977
Survey Suspended - April 14, 1978
Survey Resumed - October 2, 1978

Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Est. Comp. Date - Feb. 1, 1979

A four member survey crew spent three days on the project this last period cross-sectioning and topoging existing drain and approach pipes. Survey remains approximately 73% complete.

F-5-2(05) Elmo-Rollins
Length - 5.5 Miles
Survey Authorized - July 6, 1977
Ground Control Survey Started - Aug. 29, 1977

Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Est. Comp. Date - Pending

A four to five member survey crew spent 16 days on the project this last period establishing centerline, bench elevations and cross-sectioning stations required by the Photogrammity Unit. Two office personnel spent ten days in the office this last period working on notes. Field work is approximately 45% complete.

FH-1-2(1) Troy-Libby
Length - 17.1 Miles
Survey Authorized - May 25, 1977
Location Survey Started - Sept. 2, 1977

Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 296-4741
Est. Comp. Date - April 1979

Progress has been fair. Cross-sections have been completed from Station 230 -259 and 438 - 454. Topography of utilities above ground were taken from Station 72+00 to 464+00. Topography has been taken from Station 72+00 to Station 131+00. A three to five person survey party has been assigned to the project. A total of 1284 man days have been used making the location survey approximately 65% complete.

F-1-2(7)142 Flathead River Bridge
Length - 1.2 Miles
Survey Authorized - Sept. 27, 1978
Survey Started - Oct. 16, 1978

Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Prob. Comp. Date - Pending

No work this past reporting period. Personnel assigned to other projects. Survey remains approximately 1% complete.

- - 206-1( )6 Half Moon-South
Length- 5.0 Miles
Scheduled for March 29, 1979 Letting

Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006

Northwestern Telephone began telephone relocation November 1, 1978 and after 1½ shifts it was determined by the company that a sustained operation coud not be done due to the condemnation parcels which broke up the job into a "piece meal" type of work. No other work is planned until condimnations are settled. Flathead Electric Co-op plans to start relocation after right of way has been settled. Burlington Northern, Inc. has been authorized to proceed but no word as yet on when they plan to start relocation.

RS-212-1(1) Charlo North & South
Length - 12.6 Miles P.M. Overlay
Design Started - August 9, 1978
Design Completed - October 27, 1978

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Prob. Comp. Date - Jan. 31, 1979

Field work on gravel pit ties has been completed. If the Right of Bureau determines that the gravel sources can be optioned, remaining field work will be done and reclamation plans prepared.

RS-325(2) Libby-Southeast
Length - 3.5 Miles
Survey Authorized - Dec. 6, 1974
Survey Started - Jan. 6, 1975
Survey Suspended - Jan. 17, 1975

Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741
Est. Comp. Date - Pending

This survey will be resumed when personnel are available. It presently is approximately 3% complete.

M6701(1) Meridian Road
Between U.S. 2 and U.S. 93
Length - 1.2 Miles
Survey Authorized - February 21, 1975

Personnel Unassigned

Work not started due to all personnel assigned to other projects.

M6799(3) Kalispell Urban System Signing
Length - N/A
Design Started - October 19, 1978

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Jan. 15, 1979

A plan-in-hand was held on December 13 and 14 with a representative from the City of Kalispell in attendance. A meeting will be held with the County Commissioners in the near future to determine whether or not the County will want to participate in the installation of the urban signing which will be outside the city limits. Plan and summary sheets are now being finalized for both the city and county portions of the urban signing.

C O N S T R U C T I O N

F000B (1) Erosion Control
Kalispell Division
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $31,237.90
Proceed Order - April 5, 1978
Work Started - April 17, 1978

Lemm Landscaping
Lolo, Montana
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 25 Working Days
Project Completed - May 4, 1978
Effective Opening Date - N/A

The final was submitted to the Division office on November 17, 1978. Final will be checked as time permits and will be forwarded to Helena about January 5, 1979.

HHS 000S (62) U.S. 93
No Passing Pennants
Length - 273 Miles(Incl. Msla. & Kal. Div.)
Contract Let - July 27, 1978
Contract Awarded - August 7, 1978
Contract Amount - $42,297.60
Proceed Order - August 28, 1978 (S.P. 4B)
Work Started - October 31, 1978

Western Sign Corp.
Great Falls, Montana 59403
Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Contract Time - 30 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

No work on the project this reporting period. The contractor has suspended work until spring. Construction layout is approximately 92% complete. Contract as a whole is approximately 38% complete with 50% of the contract time elapsed.

HHS-1-2(2)121 Kalispell East-Street Lighting & Signal
Length - 1.5 Miles
Contract Let - May 26, 1977
Contract Awarded - May 31, 1977
Contract Amount - $179.990.10
Proceed Order - June 21, 1977
Work Started - August 22, 1977

Harp Line Const. Company
Kalispell, Montana 59901
Gerald Roat, Field Proejct Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Project Completed - July 20, 1978
Effective Opening Date - N/A

The final was submitted to the division office December 20, 1978 and will be submitted to Helena about February 1, 1979.

F-1-2(8)81 Inters. U.S. 2 & FAS 556 Shoulder Erosion Correction
Length - 1.4 Miles
Contract Let - Dec. 15, 1978
Contract Awarded - Dec. 15, 1978
Contract Amount - $334,540.40
Proceed Order - April 16, 1979
Work Not Started

Rehbein Contracting Inc.
Plains, Montana 59859
Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741
Contract Time - 50 Working Days
Prob. Comp. Date - Pending

Preconstruction conference is tentatively scheduled for January 4. No field work performed to date.

HHS-5-2(1)91 Rollins North (Safety) Guard Rail & Flashers
Length - 1,000 Feet
Contract Let - July 27, 1978
Contract Awarded - August 7, 1978
Contract Amount - $58,343.00
Proceed Order - August 28, 1978
Work Started - August 25, 1978

Sandon Construction Company
Kalispell, Montana 59901
Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Contract Time - 20 Working Days
Prob. Comp. Date - March 15, 1979
Effective Opening Date - N/A

No work by contractor this last period. In a meeting with Harp Const. Co. (sub-contractor), it was agreed to wait until road conditions were better before installing flashers. Construction layout is 90% complete. Contract as a whole is approximately 80% complete with 35% of the contract time elapsed.

F-41-1(2)0 Avon to Mont. 200 & F-83-1(1)0 Clearwater Jct. - Bigfork Signing
Length - 123.6 Miles
Contract Let - June 23, 1978
Contract Awarded - June 23, 1978
Contract Amount - $55,805.88
Work Started - October 16, 1978

Northern Rockies Const. Co.
Great Falls, Montana 59401
Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Contract Time - 60 Working Days
Prob. Comp. Date - June 1, 1979
Effective Opening Date - N/A

No work by contractor this last period, suspending work until spring. Construction layout is approximately 90% complete. The contract as a whole is approximately 53% complete with 32% of the contract time elapsed.

ERFO 72(2) U2 3 Miles E. of West Glacier
Flood Damage Repair
Length - 0 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contarct Amount - $110,830.00
Proceed Order - April 21, 1978
Work Started - April 18, 1978

Clark Brothers Contractors
Victor, Montana 59875
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 50 Working Days
Project Completed - June 15, 1978
Effective Opening Date - N/A

The final was submitted to the division office on November 13, 1978. Checking was completed December 15 and is awaiting transportation to Helena.

F-83-2(1)65 Swan Lake North &
South Overlay
Length - 12.6 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $1,014,086.40
Proceed Order - April 21, 1978
Work Started - June 9, 1978

Baltrusch Const., Inc. Affiliates
Havre, Montana 59501
Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Contract Time - 90 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

No work this last period. Contractor has suspended work until spring. Construction layout is approximately 82% complete. The project as a whole is 11% complete. No State personnel assigned at present.

S-508-1(4)11
NW Troy-Yaak River-Rexford
Grade, Gravel, Surface, Road Mix Bit. Surf.
Length - 1.1 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $239,586.51
Proceed Order - April 21, 1978
Work Started - May 2, 1978

Clark Brothers Contractors
Victor, Montana 59875
Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741
Contract Time - 90 Working Days
Prob. Comp. Date - June 15, 1979
Effective Opening Date - Sept. 22, 1978

No work this past period. The contractor has suspended work until spring. The project as a whole is 91% complete with 85% of the contract time elapsed. One to two engineering personnel are working on notes, when time permits. Construction layout remains 95% complete.

RRP 4139(55) Statewide Federal
Aid Routes R.R. Crossings
Length - N/A
Contract Let - May 31, 1978
Contract Awarded - May 31, 1978
Contract Amount - $382,865.10
Proceed Order - June 21, 1978
Work Started in Kalispell Div. Sept. 19, 1978

Pacemaker Industries, Inc.
Spokane, Washington 99211
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 90 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

RRP 4139(55) Statewide Federal
Routes R.R. Crossings (Cont'd)

Although the project was completed November 28, 1978, a minor problem involving the Foy's Lake flasher developed and is currently awaiting the contractors return to correct the problem. One man worked 7 days the past period on the final.

PMS 4140(52) Unit 8 Kalispell Division
Plastic Pavement Markings
Length - 0 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $239,586.51
Proceed Order - April 21, 1978
Work Started - August 2, 1987 (Unit 8)

Swanston Equipment Company
Fargo, North Dakota
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 90 Working Days
Prob. Comp. Date - July 1, 1979
Effective Opening Date - N/A

No work this past period. Contractor is on suspend until next year. The Kalispell portion (Unit 8) of the project remains approximately 80% complete with 58% of the time elapsed, which includes Unit 11 in the Missoula division. Construction layout remains 97% complete. No state personnel are currently assigned due to other work.

M6711(1) Unit 1 Evergreen School
Bouncing Ball Flashers
Length - N/A
Contract Let - July 27, 1978
Contract Awarded - August 7, 1978
Contract Amount - $11,896.50
Proceed Order - August 28, 1978
Work Started - Nov. 21, 1978

Harp Line Construction Co.
Kalispell, Montana 59901
Dan Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 15 Working Days
Prob. Comp. Date - May 1, 1979

Progress has been fair the past period with the contractor working five days with two men employed completing installation of flashers. Only work remaining is striping, which will be done in the spring. The project is approximately 60% complete with 0% of the contract time elapsed. One inspector is assigned to the project as required.

M6718(1) 11th St. & South Main
Signalization
Length - N/A
Contract Let - March 31, 1978
Contract Awarded - March 31, 1978
Contract Amount - $22,084.25
Proceed Order - April 21, 1978 (See S.P. 1B)
Work Started - July 6, 1978

Harp Line Const. Co.
Kalispell, Montana 59901
Dan Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 45 Working Days
Prob. Comp. Date - April 1, 1979
Effective Opening Date - N/A

Progress was fair. The contractor employed two to five men working eight, eight hour days installing cable, poles and signal heads. The project is approximately 50% complete with 18% of the contract time elapsed. One inspector is assigned to the project as required.

M6730(1) & RS-404(8) Kalispell South Loop
Grade, Agg. Surf. Pl. Mix Base, Pl. Mix
Surf, & Water Line and Signing
Length - 3.7 Miles
Contract Let - Sept. 30, 1976
Contract Awarded - October 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - October 28, 1976
Work Started - November 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 130 Working Days
Project Completed - August 11, 1978
Effective Opening Date - Sept. 19, 1977

Three men worked forty-six man days the past month compiling notes and final data. Estimated date of submittal to the division office is January 31, 1979.

M6714(3) Center St. & 1st Ave. E. Kalispell
Length - 0.9 Miles
Contract Let - August 11, 1977
Contract Awarded - August 24, 1977
Contract Amount - $939,975.18
Proceed Order - Sept. 13. 1977
Work Started - April 4, 1978

Pack & Company, Inc.
Kalispell, Montana 59901
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Prob. Comp. Date - March 1, 1979
Effective Opening Date - Oct. 4, 1978

No work for the past month. The contractor completed cleanup and miscellaneous items by November 3, 1978 at which time an inspection was held with the City, State and contractors present. A few items were found and corrected immediately. A letter was then written to the City turning over all maintenence to them except for the remaining modified street lights to be installed on Center Street when materials arrive. The project is now 99% complete with 92% of the contract time elapsed. No personnel are currently assigned to the project.

Leonard A. Stockwell
for Thomas J. Barnard, P.E.
Supv. Div. Const. Section

TJB:HAS:mjb

RECEIVED
JAN 11979
CONSTRUCTION BUREAU

Department of Highways

Butte, Montana

December 28, 1978

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending December 26, 1978. The weather has been cold with some snow showers and temperatures ranging from -34° to +37°.

P R E C O N S T R U C T I O N

I 000B(2)U6
Divide N&S
Erosion Control
Design
13.852 Miles
Silver Bow County

Raymond Grant
Designer III
Butte, Montana
Probable Completion Date:
February 1, 1979

A P.I.H. review of the project was conducted on December 1, 1978. Major changes discussed were that pipe down drains be considered where practical in place of concrete and asphalt drain chutes and that the plans package be expanded from an abreviated set of plans to a complete set, including details, R/W plans and cross sections. Design work on the project consisted of preparing R/W plans, cross sections and determining locations where pipe may be substituted for drain chutes. A three man design crew expended 14 man days for a total of 66 man days used to date. Making P.I.H. changes are 10% complete, design work on the project as a whole is 72.5% complete.

RF 8-1(4)34
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ man days expended to date. Line and Levels run are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

F 8-2(11)41
Euclid Avenue Storm Drain
Design
Lewis & Clark County

S&A Engineers
Helena, Montana
Probable Completion Date:
May 25, 1979

F 8-2(11)41 Cont'd.
Continuing to draft up survey information onto mylar plan & profile sheets along with design information. Picked up some additional survey information. Project as a whole is 33% complete.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer III
Butte, Montana
Estimate Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

DP 280-1(1)
York Bridge & Approaches
Location Survey
1.03 Miles
Lewis & Clark County

Tangen Engineering
Helena, Montana
Probable Completion Date:
Undetermined

No work the past period.

RS 284-2(1)11
Canyon Ferry Dam S.E.
Location Survey
Broadwater and Lewis & Clark Counties
6.0 Miles

Stahly Engr. & Associates
Helena, Motnana
Probable Completion Date:
Undetermined

Working on topographic survey, levels & cross sections. Project as a whole is 40% complete.

M 0299(4)
Anconda Urban Street
Location Survey
1.0 Mile
Deer Lodge County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Work on the project will commence when a crew becomes available.

RS 393-1(2)
Basin Creek Road
Design
2.85 Miles
silver Bow County

Raymond M. Grant
Designer III
Butte, Montana
Estimated Completion Date:
February 9, 1979

RS 393-1(2) Cont'd.
Design work on the project consisted of laying a preliminary grade on the projected centerline between Sta. 89+00 to Sta. 148+00 and coding the new line and grade for a CØGØ and HALØ I.B.M. run of the project. A three man design crew expended 5½ man days for a total of 139½ man days used to date. Preparing plan sheets, reducing notes and plotting and inking cross sections are 68% complete. Laying and computing grades, templating cross sections, computirg areas and volumes and balancing the project are 49% complete. Deisgning drainage and irrigation structures, road approaches and incidentals are 8% complete, drafting and summaries and title sheet are 40% complete. Design work on the projecting centerline to reduce the number of conflicts with the Butte Water Company water main is 26% complete. Design work on the project as a whole is 29% complete.

RS 441-1(1)0
Gregson Road
Design
Silver Bow County
2.969 Miles

Raymond M. Grant
Designer III
Butte, Montana
Estimate Completion Date:
February 1, 1979

Design work on the project consisted of calculating culvert lengths, bedding, excavation, riprap and ditch excavation based on Hydraulics Unit recommednations and placing these items on the cross sections. Making P.I.H. changes and drawing culvert summaries. A three man crew expended 24 man days for a total of 417 man days used to date. Preparing plan sheets, reducing notes, and plotting and inking cross sections are 94% complete. Laying and computing grades, templating cross sections, computing areas and volumes and balancing the project are 99% complete. Design of drainage and irrigation structures, road approaches and incidentals are 90% complete and making Plan-In-Hand changes are 18% complete. Completing summaries and title sheets are 92% complete. Design of the project as a whole is 78% complete.

M 1810(1)
Grand Ave. - Butte
Design
1.37 Miles
Silver Bow County

S&A Engineers
Helena, Montana
Probable Completion Date:
March 2, 1979

Need answer from Butte-Silver Bow to questions presented in Montana Dept. of Highways letter of August 17, 1978 concerning selection of street width, lighting and sidewalks. Project as a whole is 9% complete.

M 5807(1)
M 5807(2)
M 5815(1)
Last Chance G/Neill to Lyndale Ave.
Last Chance G/Lyndale to Montana Ave.
Cruse Ave./16th Ave. Lawrence
Location and Design
1.8 Miles
Lewis & Clark County

City of Helena
Helena, Montana
Probable Completion Date:
July 1, 1980

PRECONSTRUCTION

M 5807(1)
M 5807(2)
M 5815(1) Cont'd.
Commenced work on EIS (Progress Stopped on September 29, 1978). Survey work is in progress on M 5807(1). Survey 60% complete on this portion.

M 5809(1)
North Montana Ave., Helena
Location Survey
4.3 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Unknown

Work on this project will commence when a crew becomes available.

CONSTRUCTION

FF 8-1(1)0
Garrison East
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Pl. Mix Bit.
Surf., Lighting and Signing
3.9 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,683,507.23
Work Started: Nov. 14, 1977

Zook Brothers Const. Co.
Great Falls, Montana
Joseph Bettle, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 130 Working Days
Completion Date:
November 7, 1978
Effective Opening Date: 7/15/78

Final Inspection and acceptance November 14, 1978. It is estimated that Final Data will be submitted to Helena on April 20, 1979.

F FF 8-2(5)46 Unit 2
East Helena East & West
Grading, Agg. Surf., Cem.
Treated Base, Lighting and a
Dual Prestressed Conc. Girder Bridge
7.0 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $1,596,878.30
Work Started: Sept. 28, 1977

Zook Brothers Const. Co.
Great Falls, Montana
Robert T. Wilson, Manager
Field Project (Road)
East Helena, Mt. Tel. 227-6924
Albert Reather, Manager
Field Project (Bridge)
East Helena, Mt. Tel. 227-5392
Contract Time: 200 Working Days
Probable Completion Date:
May 15, 1979
Effective Opening Date: 11/2/78

Road
Work the past period consisted of cleanup operations and tearing down old structures. The contractor employed 10 men for 4-8 hour shifts. Project as a whole is 95% complete with 74% of the contract time elapsed. Construction layout as a whole is 95% complete with 8 Engineers & 5 Inspectors engaged.
Bridge
Work on the bridge portion is complete.

F 8-2(10)42
Traffic Control Devices, Intersection
Henderson St. & Euclid Ave.-Helena
0.00 Miles
Lewis & Clark County
Contract Let: October 27, 1977
Bid Price: $32,673.00
Work Started: September 7, 1978

S&S Construction
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
ContractTime: 30 Working Days
Probable Completion Date:
April 5, 1979
Effective Opening Date: N/A

Work the past period consisted of pulling cable to pole foundations. The contractor employed 2 men for 2-8 hour shifts. Awaiting arrival of poles. Project as a whole is 15% complete with 40% of the contract time elapsed. Construction layout as a whole is 75% complete with 3 Engineers and 1 Inspector engaged.

F 8-4(1)77 Unit 1
Plant Mix Overlay, Townsend-Toston
9.7 Miles
Broadwater County
Contract Let: Sept. 29, 1977
Bid Price: $643,415.70
Work Started: October 4, 1978

Meyer Const. Co.
Billings, Montana
Jack Erickson, E.T. 3
Townsend, Mt. Tel. 266-5571
Contract Time: 90 Working Days
Probable Completion Date:
April 6, 1979
Effective Opening Date: 11/29/78

No work the past period. Project as a whole is 75% complete with 94% of the contract time elapsed. Construction layout as a whole is 95% complete with 5 Engineers and 0 Inspectors engaged.

I IG 15-1(44)0 &
I IG 15-1(46)9 U1
Monida North & Lima South (South Section)
Add 2 Lane, Signing, and Structures
12.6 Miles
Beaverhead County
Contract Let: August 24, 1978
Bid Price: $6,673,310.83
Work Started: October 16, 1978

General Construction Co.
Butte, Montana
Irvin Broell, Manager
Field Project (Road)
Lima, Mt. Tel. 276-3403
Harold Wiebe, Manager
Field Project (Bridge)
Twin Bridges, Mt. Tel. 684-5714
Contract Time: 220 Working Days
Probable Completion Date:
November 16, 1979
Effective Opening Date:

Work the past period consisted of installing culverts and conducting grading operations. The contractor employed 12 men for 15-8 hour shifts. Project as a whole is 4% complete with 16% of the contract time elapsed. Construction layout as a whole is 25% complete with 4 Engineers and 3 Inspectors engaged.

I 15-2(37)134 &
I 15-3(25)134 Unit 1
Butte North & Woodville North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Whitehall, Mt. Tel. 287-5601
Contract Time: 250 Working Days
Completion Date:
September 13, 1978
Effective Opening Date: 6/27/78

Final Inspection and Acceptance September 13, 1978. It is estimated that Final Data will be submitted to Helena on March 30, 1979.

I 15-3(26)140 Unit 1
Elk Park South
Grading, Aggregate Surfacing,
Plant Mix Bituminous Base,
Fencing and Signing
2.4 Miles
Jefferson County
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: September 14, 1976

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Whitehall, Mt. Tel. 287-5601
Contract Time: 150 Working Days
Completion Date:
September 13, 1978
Effective Opening Date: 6/27/78

Final Inspection and Acceptance September 13, 1978. It is estimated that Final Data will be submitted to Helena on March 30, 1979.

I 15-3(29)160 Unit 1
Structure & Approaches on the Basin
Boulder Road
Construction of a prestressed concrete
Girder Bridge
0.36 Miles
Jefferson County
Contract Let: March 30, 1978
Bid Price: $295,635.44
Work Started : May 3, 1978

Sletten Const. Co.
Great Falls, Montana
Albert Reather, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 130 Working Days
Completion Date: Nov. 17, 1978
Effective Opening DAte: N/A

Final Inspection and Acceptance October 30, 1978. It is estimated that Final Data will be submitted to Helena on April 20, 1979.

F 19-1(7)7
Park Avenue-Anaconda
Grading, Agg. Surf., Plant Mix
Bit. Base, Pl. Mix Bit. Surfacing,
Seal & Cover, Lighting & Traffic
Signals
1.2 Miles
Deer Lodge County
Contract Let: Sept. 28, 1978

Jim Gilman Excavating Inc.
Butte, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 90 Working Days
Probable Completion Date:
August 17, 1979

F 19-1(7)7 Cont'd.
Bid Price: $993,662.00
Work Not Started

Effective Opening Date:

Preconstruction Conference was held December 19, 1978.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading. Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing and Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Construction Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Completion Date:
September 1, 1978
Effective Opening Date: 9/9/77

Final Inspection and Acceptance is pending. It is estimated that Final Data will be sent to Helena on February 23, 1979.

RS 34(7)
Wisdom South
Grading, Agg. Surf., Pl. Mix
Base, Seal & Cover
10.160 Miles
Beaverhead County
Bid Price: $1,609,681.60
Contract Let: June 19, 1976
Work Started: July 26, 1976

Clark Brothers Contractors
Victor, Montana
Gordon Eckman, E.T. 3
Lima, Mt. Tel. 276-3403
Contract Time: 175 Working Days
Completion Date:
July 19, 1978
Effective Opening Date: 10/26/77

Final Data will be submitted to Helena on January 5, 1979.

F 49-2(2)16
Twin Bridges - South
Pl. Mix Bit. Surf. Overlay
10.3 Miles
Madison County
Contract Let: July 27, 1978
Bid Price: $602,086.85
Work Started: October 30, 1978

Meyer Const. Co.
Billings, Montana
Frank T. Caprara, Manager
Field Project
Whitehall, Mt. Tel. 287-5601
Contract Time: 90 Working Days
Probable Completion Date:
April 27, 1979
Effective Opening Date:

No work the past period. Project as a whole is 0% complete with 0% of the contract time elapsed. Construction layout as a whole is 5% complete with 3 Engineers engaged.

I IG 90-3(27)172 Unit 1
Garrison East & West (West Section)
The construction of a 590.83' Avg. length dual composite and concrete girder bridge (Over Burlington Northern Inc.)
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,895,384.05
Work Started: July 27, 1977

General Construction Co.
Butte, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 280 Working Days
Probable Completion Date:
May 31, 1979
Effective Opening Date: N/A

Structure at Sta. 153+05.70: Forming base deck Span No. 1 and outside curb forms on left and right wingwalls of Abutments No. 1 and No. 6 Eastbound. Structure Approaches: No work. Percentages complete for the items are as follows: Structures: Structure Excavation 97%; Reinforcing Steel 65%; Class AD Concrete 99%; All Piling 100%; Traffic Control 10%; Cost of Training Program 100%; Structural Steel 96%; Mobilization 100%; Class BD Concrete 49%; Bridge Drains 30%. Approaches: Topsoil Salvage and Stockpile 100%; Excavation-Unclassified Borrow 97%; Haul Borrow 97%; Compaction Roadbed 97%; Mobilization 100%. The contractor worked three (3) eight hour shifts and one (1) four (4) hour shift employing an average of four (4) men. The project as a whole is 84.4% complete with 80.4% of the contract time elapsed.

I IG 90-3(27)172 U2 & FF 88-1(1)1
Garrison East & West (West Section)
and Garrison Interstate Connection
Grading, Agg. Surf., Pl. Mix Bit. Surf., Signing and Lighting on 4.2 Miles of Proj. I IG 90-3(27)172 U2
and Widening, Pl. Mix Bit. Surf., Signing and Lighting on 0.7 Miles of Proj. F 88-1(1)1
4.9 Miles
Powell County

Contract Let: Sept. 29, 1977
Bid Price: $4,981,295.99
Work Started: Nov. 15, 1977
Washington Const. Co.
Missoula, Mt.
Bill Bork, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 250 Working Days
Probable Completion Date:
October 13, 1979
Effective Opening Date:

Work the past period consisted of conducting grading operations and crushing gravel. The contractor employed 61 men for 15-8 hour shifts. Project as a whole is 72% complete with 55% of the contract time elapsed. Construction layout as a whole is 85% complete with 4 Engineers and 5 Inspectors engaged.

I IG 90-3(27)172 Unit 3
Structure on Garrison East & West (West Section)
Construction of a dual 692.5' Avg. prestressed concrete girder bridge (Over B.N.R.R.), a dual 131.5' prestressed concrete girder Bridge (Little Blackfoot River)
0.156 Miles
Powell County
Contract Let: September 29, 1977
Bid Price: $1,922,459.45
Work Started: January 11, 1978

General Construction Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 250 Working Days
Probable Completion Date:
September 7, 1979
Effective Opening Date: N/A

I IG 90-3(27)172 Unit 3 Cont'd
No work the past period. Percent complete for the items are as follows: Mobilization, 60%; Conc. Cl. AD, 91%; Struct. Excav.-Type I, 100%-Type II, 50%; Shoring & Cribs, 45%; Test Pile-Steel, 85%; Furn. & Drive Steel Brg. Pile, 92% & Reinf. Steel, 38%. The structures as a whole are 36% complete with 141 of the 250 working days used or 56% of the contract time elapsed.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 Unit 1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North & South and Galen East
Grading and S tructures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Constr. Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Butte, Mt. Tel. 792-1797
Loren Matkin, Manager
Field Project (Bridge)
Garrison, Mt. Tel. 846-3355
Contract Time: 300 Working Days
Completion Date:
October 13, 1978
Effective Opening Date: 9/18/78

Road
Preliminary checking of Final Data is suspended in the Division Office. It is estimated that Final Data will be submitted to Helena on April 6, 1979.
Bridges
All work on the structures was completed on Sept. 29, 1977 and an inspection of these structures was made on October 11, 1977.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Fencing and
The construction of a 303.76' steel Girder underpass (Beckhill Interchange) and one 21.33' concrete slab overpass (Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,178,181.56
Work Started: June 30, 1976

Max J. Kuney
Spokane, Washington
Claude J. Flynn, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Completion Date:
July 20, 1978

Preliminary checking of Final Data is suspended in the Division Office. It is estimated that Final Data will be submitted to Helena on May 16, 1979.

I 90-3(40)193 &
I IG 90-4(27)194
Surfacing of Racetrack North & South and Warm Springs North & South
Aggregate Surfacing, Plant Mix Surfacing and Signing
12.2 Miles

Hilde Const. Co. Inc.
Great Falls, Montana
John T. McGeever, Manager
Butte, Mt. Tel. 792-1797
Contract Time: 180 Working Days

I 90-3(40)193 &
I IG 90-4(27)194 Cont'd.
Powell & Deer Lodge Counties
Contract Let: August 11, 1977
Bid Price: $2,582,114.30
Work Started: February 28, 1978

Completion Date:
November 17, 1978
Effective Opening Date: 9/18/78

Final Inspection and Acceptance November 17, 1978. It is estimated that Final Data will be submitted to Helena on April 27, 1979.

I 90-5(33)264
Milligan Canyon to Jct. 287
Pl. Mix Bit. Overlay & Assoc. Work
10.5 Miles
Jefferson & Broadwater Counties
Contract Let: July 27, 1978
Bid Price: $5,027,682.09
Work Not Started

McIntyre Const. Co.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Whitehall, Mt. Tel. 287-5601
Contract Time: 200 Working Days
Probable Completion Date:
October 26, 1979
Effective Opening Date:

Preconstruction Conference was held September 22, 1978.

RF 171(17) & RS 167(10)
Harrison North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 200 Working Days
Completion Date:
January 14, 1977
Effective Opening Date: 11/16/76

Checking of Final Data by Division Office Personnel is progressing. It is estimated that Final Data will be sent to Helena on January 19, 1979.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work Started: Jan. 24, 1977

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
June 30, 1979
Effective Opening Date: 11/2/78

No work the past period. Project as a whole is 95% complete with 95% of the contract time elapsed. Construction layout as a whole is 100% complete with 6 Engineers engaged.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base.,
Pl. Mix Bit. Surf. and Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $996,307.40
Work Started: July 7, 1977

Zook Brothers Const. Co.
Great Falls, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 120 Working Days
Completion Date:
November 8, 1978
Effective Opening Date: 5/19/78

Final Inspection and Acceptance August 10, 1978. It is estimated that Final Data will be submitted to Helena June 8, 1979.

BRS 361-1(3)17
Structure & Approaches
West of Twin Bridges
Construction of a prestressed concrete
Girder Bridge and Grading, Agg. Surf.,
and Road Mix Surf., of the approaches
0.2 Miles
Madison Sounty
Contract Let: Sept. 28, 1977
Bid Price: $557,136.64
Work STarted: November 4, 1977

McIntyre Const. Co. and
S. Birch Inc.
Great Falls, Montana
Harold Wiebe, Manager
Field Project
Twin Bridges, Mt. Tel. 684-5714
Probable Completion Date:
April 20, 1979
Effective Opening Date: 10/31/78

All items are 100% complete with the exception of seeding and road mix, which will be accomplished as weather permits. There is 94% of the contract time elapsed. There is 2 Engineers on this project.

No. 1487 State Project
Fencing - State Highway Complex
0.00 Miles
Lewis & Clark County
Contract Let: Sept. 28, 1978
Bid Price: $2,634.00
Work Started: November 7, 1978

Glenn Mininger Construction
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 20 Working Days
Completion Date: 11/14/78
Effective Opening Date: N/A

Final Data was submitted to Helena on December 8, 1978.

M 1804(2)
West Park St. - Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Signing, Lighting & Traffic Signals
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Started: March 15, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Joseph Bettle, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 130 Working Days
Completion Date:
April 26, 1978
Effective Opening Date: 8/15/77

Final Inspection and Acceptance June 29, 1978. It is estimated that Final Data will be submitted to Helena February 16, 1979.

RRP 4139(55)
The installation of pavement marking, signing and guard rail on various railroad Highway Crossings on Federal Aid Routes
Statewide in Montana
Contract Let: May 25, 1978
Bid Price: $382,865.10
Work Started: July 31, 1978 (Butte Div.)

Pacemaker Industries Inc.
Spokane, Washington
Edward Kenison, E.T. 3
Butte, Mt. Tel. 494-4172
Contract Time: 90 Working Days
Completion Date: 10/24/78
Effective Opening Date: N/A

Final Data was submitted to Helena on December 18, 1978.

PMS 4140(52) Unit 3 & 4
Pavement Markings on Various Intersections
Gallatin, Park, Madison, Powell
Silver Bow and Lewis & Clark Counties
Contract Let: February 23, 1978
Bid Price: $130,637.02
Work Started: June 9, 1978

Robert L. Livesay
Great Falls, Montana
Edward Kenison, E.T. 3
Butte, Mt. Tel. 494-4172
Contract Time: 90 Working Days
Completion Date:
September 16, 1978
Effective Opening Date: N/A

Final Inspection and Acceptance September 19, 1978. It is estimated that Final Data will be submitted to Helena on January 26, 1979.

M 5805(4)
Traffic Control Devices and Lighting
on Park Avenue, Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 25, 1978
Bid Price: $136,636.66
Work Not Started

Allen Electric Inc.
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 35 Working Days
Probable Completion Date:
April 6, 1979
Effective Opening Date: N/A

Preconstruction Conference was held September 19, 1978

M 5816(3)
Broadway - Helena
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Sidewalks and related items
0.9 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $477,717.13
Work Started: Sept. 12, 1977

Dugdale Const. Co. Inc.
Butte, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 110 Working Days
Probable Completion Date:
April 15, 1979
Effective Opening Date: N/A

M 5816(3) Cont'd.
No work the past period. Project as a whole is 96% complete with 97% of the contract time elapsed. Construction layout as a whole is 100% complete with 4 Engineers engaged.

Richard B. Dundas, P.E. Supervisor
Division Construction Section - Butte

RBD/GBH/MJJ/cu

RECEIVED
JAN 1 1979
CONSTRUCTION BUREAU

P. O. Box 1110
Bozeman, MT 59715

January 1, 1979

Progress Report
Division 2230

Department of Highways
Helena, MT 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the four week period ending December 29, 1978. The day-time temperatures have ranged between -30 and 40 degrees. Deep snow, high winds and low temperatures have hampered all preconstruction operations.

P R E C O N S T R U C T I O N

F 11-1(1)54
Park Street - Livingston
Length - 1.6 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 13-1( )24
8 Mi. South of Cameron - South
Length - 6.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1( )30
3 Mi. South of Cameron - South
Length - 5.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

William F. Ninmons, FPM
Phone: 586-5074 Bozeman
Design - Alpha Engineers, Inc.

The preliminary plan-in-hand inspection was held on December 12, 1978.

HHS 50-2(3)81
Int. of FAP 50,84 & 85

William F. Ninmons, FPM
Phone: 586-5074 Bozeman

All requested field work has been completed.

F 50-2(4)79
Bozeman - West
Approximate Length - 9 Miles

Thomas, Dean & Hoskins, Inc.
Great Falls, MT
Consulting Engineers
Probable Completion Date: May 1980

The consulting engineering firm was given authorization to begin the location survey and design on October 27, 1978. The planning report has been prepared and distributed.

F 59-1(2)7
Clyde Park - North & South
Length - 6.7 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 59-1(3)14
Clyde Park - North
Length - 6.2 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 64-1(2)3
US 191 Spur
Approximate Length - 6.7 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All requested field work has been completed.

HHS 86-1(2)1
Int. of FAP 86 & FAS 536

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All requested field work has been completed.

F 86-1(3)23
Park Co. Line - South
Length - 8.1 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 5-2-79

With the exception of the hydraulic survey of "Fairy Creek" at Station 149+30, the irrigation surveys, and the cross-section extensions requested on October 16, all field work has been completed.

F 86-1(4)18
8 Miles South of Park Co. Line-South
Length - 6.0 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 6-30-79

The cross-sectioning has been completed and the topography has been picked up for the first mile and a half. A total of 698 man days have been expended on this location survey which is now 64% complete.

HHS 86-1(5)3
Bridger Canyon
Length - 1.8 Miles

Ross M. Johnson, FPM
Phone: 587-4186 Bozeman
Estimated Completion Date: 1-31-79

The location survey was resumed on December 14, 1978 and work this period consisted of re-tracing the centerlines. The location survey remains 48% complete.

ROW I 90-6(26)315 — Engineer Unassigned
Bozeman Pass - East
Sand House

Plan-in-Hand inspection was held on October 25, 1978.

I 90-6(36)315 U-3 — Engineer Unassigned
Bozeman Pass - West, Rest Area

No information has been requested from the field to date.

I 90-7(17)350 — Roger E. Blossom, PE, FPM
Springdale - Big Timber — Phone: 932-3515 Big Timber
Length - 13.477 Miles

All requested work has been completed.

I 90-7(21)339 — Engineer Unassigned
Springdale - West
Length - 9.2 Miles

The hydraulic survey data requested on August 7 will be obtained as men are available.

I 90-7(35)364 U-2 — Roger E.Blossom, PE, FPM
Big Timber - Greycliff (E. Sect.) — Phone: 932-3515 Big Timber
Length - 5.5 Miles
Grading & Str. at Sta. 580±, 620±, 680±, 698±.

All requested field work has been completed.

I 90-7(35)364 U-3 — Roger E. Blossom, PE, FPM
Big Timber - Greycliff (Mid. Sect.) — Phone: 932-3515 Big Timber
Gr. & Str. at Sta. 1829± & 1896±
Length - 3.2 Miles

All requested field work has been completed.

I 90-7(35)364 U- — Roger E. Blossom, PE, FPM
Big Timber - Greycliff (W. Sect.) — Phone: 932-3515 Big Timber
Length - 1.7 Miles

All work requested from the field has been completed.

I 90-7(36)318 U-2 — Engineer Unassigned
Bozeman Pass - East
Rest Area

All work requested from the field has been completed.

I 90-7(40)332 — William F. Nimmons, FPM
Snow Fence — Phone: 586-5074 Bozeman
Approx. Length - 5.0 Miles

All information requested from the field has been sumbitted to Helena.

I 90-7(40)375
Greycliff - East
Access Road (Prairie Dog Town)
Length - 0.440 Mile

Roger E. Blossom, PE, FPM
Phone: 932-3515 Big Timber

All requested work has been completed.

F 91-1(1)0
Big Timber - E & W
Signs, Traffic Control Devices

Engineer Unassigned

All requested work has been completed.

HHS 205-1(1)28
North of Bozeman
Guardrail - B.N. Overpass
Right Turn Lane

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

The cross-section extensions requested November 14 will be obtained in the near future.

RS 411-1(1)0
Springhill Road
Length - 5.3 Miles

Engineer Unassigned

A field Location Review was held on 9-13-78.

S 487-1(1)0
Big Timber - North & East
Approx. Length - 9.1 Miles

Larry O. Williams, Designer III
Phone: 586-9562 Bozeman
Estimated Completion: 1980

One man has been working on the design of this project. At the present time, all line projections and the center line profile have been placed on the linens. The preliminary right-of-way linens have been prepared and the typical sections designed. The improved structural surfacing sections have been received and the preliminary profile grade has been signed. The first earth work run is being processed by Data Processing Section at this time. A total of 96 man-days have been expended and the design of this project is now 14% complete.

RS 540-1(1)0
East River Road - Park Co.
Length - 23.0 Miles

Engineer Unassigned

An informational public hearing was held the evening of December 7, 1978.

RS 563-1(1)0
Springdale - Hunters' Hot Springs
Length - 1.7 Miles
Design Started: 5-2-77

Larry O. Williams, Designer III
Phone: 586-9562 Bozeman

The field design of this project has been completed and all data was submitted to the checker in Helena on August 23, 1978. Utility field inspections were held on October 11 & 12, 1978.

M 1201(1)
North 19th - Bozeman
Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

The location and design study report has been submitted and approved, and the consultant is now proceeding with the final design of the project.

M 1202(1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

Work on this right-of-way survey has been completed and all data was submitted to Helena on October 30, 1978.

M 1212(1)
Kagy Lane-from Willson to Highland-BZN
Design
Approx. Length - 1.1 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

The location and design study report has been approved and the consultant is now proceeding with the final design of the project.

M 1212(4)
Kagy, from 3rd to 19th - Bozeman
Length - 1.0 Mile

Engineer Unassigned

The location survey has not been started to date.

M 7403(1)
5th St., Park to Front - Livingston
Design
Approx. Length - 0.1 Mile

Morrison-Maierle, Inc.

The design of this project has been completed and the final plans have been approved by city officials and returned to Helena.

M 7404(1)
Front St., from Main to Cemetery-Liv.
Design
Approx. Length - 0.9 Mile

Morrison, Maierle, Inc.

The final plans were delivered to the city officials for their approval on April 12, 1978. On August 2, 1978 a letter was written by Livingston City Officials requesting various changes and these are now being incorporated into the project by the designer.

M 7406(1)
Main, Chinook & Gallatin - Livingston
Design
Approx. Length - 1.3 Miles

Morrison-Maierle, Inc.

A public hearing was held on August 23, 1978 and the last report from the consultant showed the design as being 90% complete.

CONSTRUCTION

F 29-1(5)16
Virginia City Hill
Truck Escape Ramp
Contract Awarded: March 31, 1978
Contract Amount: $123,430.80
Proceed Order Date: 4-21-78
Work Started: 7-11-78

Rehbein Contracting, Inc.
Plains, MT
William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Contract Time: 60 Working Days
Completion Date: 10-2-78
Effective Opening Date: Not Opened

The final estimate and supporting data was given to Project Manager Blossom for Division Office checking on October 20, 1978.

F 45-1(1)15
Big Timber - North
Length - 11.5 Miles
Contract Awarded: 10-1-77
Contract Amount: $652,048.05
Proceed Order Date: 10-24-77
Work Started: 7-25-78

Meyer Construction Company
Billings, MT
Roger E. Blossom, PE, FPM
Phone: 932-3515 Big Timber
Contract Time: 90 Working Days
Completion Date: 10-31-78
Effective Opening Date: 10-9-78

The final estimate and supporting data was given to Project Manager Sitton on November 28, 1978 for completion of the Division Office checking.

ROS 50-2(5)56
US 191 Gallatin Canyon Safety
Safety Corrections
Contract Awarded: March 31, 1978
Contract Amount: $417,890.15
Proceed Order Date: April 21, 1978
Work Started: April 24, 1978

Frank Gurney, Inc.
Spokane, Washington
Harold G. Heath, Eng Tech 3
Phone: 587-4186 Bozeman
Contract Time: 60 Working Days
Completion Date: 10-20-78

One man has been working on the final estimate and supporting data and it is estimated that all information will be submitted to the Division Office by January 15, 1979.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East (West Section)
Grade, Agg. Surf., Pl. Mix Base, Structures
Length - 7.1 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,688.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Ross M. Johnson, FPM - Grade
Jerry R. Branum, FPM - Structures
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: 7-1-79
Effective Opening Date:

Only minor work was performed on this project during the past period and it remains 94% complete with 88% of the contract time elapsed. The contractor has 41 working days of contract time remaining.

I 90-7(35)364 U-1
Big Timber - Greycliff
393.0' Composite Steel & Concrete
Girder Br. & App.
Contract Awarded: 10-1-77
Contract Amount: $481,649.80
Proceed Order Date: 10-25-77
Work Started: 11-5-77

L. R. Huckaba Construction Co.
Cardwell, MT
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 170 Working Days
Probable Completion Date: 4-30-79
Effective Opening Date: N.A.

There was no work on this project during the past period and it remains 95% complete with 76% of the contract time elapsed. The contractor has 42 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, MT
George A. Sitton, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Completion Date: 6-30-78
Effective Opening Date: 6-23-78

Checking of the final estimate and supporting data was started by Project Manager Nimmons on October 30, 1978. At the last report the checking of this final estimate is 14% complete.

M 7412(3)
River Dr. & 9th St. Livingston
Gr., G.S., P.M.S.
Length - 0.4 Miles
Contract Awarded: 10-4-78
Contract Amount: $202,557.00
Proceed Order Date: 10-25-78
Work Started: 10-30-78

Long Construction Co.
Billings, MT
William G. Shuyler, FPM
Phone: 222-1795 Livingston
Contract Time: 80 Working Days
Probable Completion Date: 7-30-79
Effective Opening Date:

Only minor work was performed on this project during the past period and it remains 11% complete with 0% of the contract time elapsed. The contractor has 80 working days of contract time remaining.

Respectfully,

Richard C. Holmes, PE, Supervisor
Division Construction Section-Bozeman

RCH:EJR:cj
cc: Bozeman Division Lab

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
JANUARY 2, 1978

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JAN 11979
CONSTRUCTION BUREAU

Department of Highways
Helena, MT

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period Dec. 3, 1978 thru Jan. 2, 1979.

General

Weather has been overcast to clear with temperatures ranging from -10° to $+35^{o}$ with winds and snow causing shut down to most construction projects.

PRE-CONSTRUCTION

RF 25(2) - Gt. Falls, Airport Access Road
Length: 0.7 miles - Cascade County
Design Started: June 3, 1975

R. Fransen - Designer II
Great Fa-ls - Phone #452-2361
Prob. Comp. Date: Unknown

No work during this reporting period. Design remains 46% complete.

F 60-2(3) - Great Falls East
F 64(15)
Length: 9.537 Miles
Design Started: Sept. 7, 1976

R. Fransen - Design II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 1979

2 men worked 29 days preparing design for P.I.H. Design is 54% complete.

F 3-1(1)
Fairfield E. & W.
Design

R. Fransen, Designer II
Great Falls, Phone - 452-2361
Prob. Comp. Date: Oct. 31, 1979

EAST SECTION, 4.9 MILES
2 men worked 22 days preparing plan-profile linens and plotting ground line. Design is 5% complete.

F 9-1(1)
F 238 (13) Bowmans' Corner-Augusta
Design Started: March 12, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361

SOUTH SECTION - 5.6 miles - Design work on this portion will begin in the near future. Design is 0% complete. Probable completion date December 1979.
MIDDLE SECTION - 5.4 miles - No work during this reporting period. Design remains 7% complete, with probable completion date March 1979.
NORTH SECTION - 3.8 miles - Design work on this portion will begin in the near future. Probable completion date December 1979.

RS 228-2(3)
RS 348(18) - 5 miles south of Fort Benton
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

CONSTRUCTION

I 15-5(50) 239 U-4
Cascade North & South (So. Section)
2 Structures & Add 2 Lanes
Cascade County
Length: 11.4 miles
Contract Awarded: August 15, 1977
FHWA Concurrence: August 15, 1977
Amount of Contract: $2,622,646.97
Work Started: August 29, 1977

Rehbein Contracting, Inc., Contractor
P.O. Box 339
Plains, Montana 59859
Harry Strong - Mgr. F.P.U. (Roadway)
Cascade - Phone #468-2801
Comp. Time: 160 Working Days
Prob. Comp. Date: April 15, 1979

Progress has been poor. Minor Operations only. Contractor engaged in erecting fence when weather permits. The project as a whole is 99% complete with 99% of the contract time elapsed. Construction layout is 99% complete with an 8 man engineering crew engaged in checking notes and compiling data.

I 15-5(64) 238 U-2 Hardy Creek Ramps
I 15-5(50) 289 U-5 Cascade N. & S.
Cascade County
Surfacing
Length: 15.3 miles
Contract Awarded: August 25, 1978
Contract Amount: $3,412,155.85
Work Started:

Hilde Construction Company, Contractor
P.O. Box 2287
Great Falls, MT 59403
Harry Strong - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Prob. Comp. Date:
Effective Opening Date:

The Preconstruction Conference has been scheduled. on January 17, 1979, 10:30 A.M. in the Great Falls Division Office.

BRF 9-2(3)63
Teton River Bridge - South of Choteau
Teton County
Contract Awarded: August 15, 1977
Amount of Contract: $447,638.98
Work Started: Sept. 13, 1977

Frontier West, Inc. Contractor
P.O. Box 8242
Missoula, MT 59801
Don Harrison - Mgr. F.P.U.
Chouteau
Comp. Time: 130 Working Days
Comp. Date: Oct. 16, 1978
Effective Opening Date: Aug. 4, 1978

Project completed 10-16-78. Final Estimate and Supporting data submitted to Division for checking on 11/2/78, will be forwarded to Helena on or about 1/5/79.

ER 72(26)
Teton River- Flood Damage Repair
Chouteau County
Contract Awarded: Aug. 25, 1978
Amount of Contract: $93,383.40
Work Started: Oct. 10, 1978

General Construction, Contractor
P.O. Box 2589, Butte, MT 59701
Glen Enderson, Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 30 Working Days
Prob. Comp. Date: April 15, 1979
Effective Opening Date:

Progress has been fair, contractor working as weather permits. Work remaining includes placement of remaining riprap material, final cleanup and seeding which will be done in the spring. Items and percent complete are: Uncl. Exc. 100%, Riprap 88%, and filter cloth 100%. The project as a whole is 95% complete with 70% of the contract time elapsed. Construction layout is 100% complete with a 2 man engineering crew engaged in inspection and other assignments.

F 80-1(1)5
Fort Benton - So. - Geraldine - Ft. Benton
Chouteau
9.5 miles - Pl. Mix Overlay
Contract Awarded: October 1, 1977
Contract Amount: $523,710.83
Work Started: June 22, 1978

Meyer Construction Company
P.O. Box 1417, Billings MT 59101
Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 90 Working Days
Comp. Date: Dec. 26, 1978
Effective opening Date: Sept. 22, 1978

Progress has been good. Subcontractor Cascade Electric completed installation of flashers Dec. 26, 1978. This project is now 100% complete with 89% of the contract time elapsed. Engr. crew presently engaged in other assignments.

HHS 24-4(2) 127
Mont. 200 at Int. Mt. 21, and U.S. 89
Intersection Improvements
Cascade County
Contract Let: October 27, 1977
Contract Awarded: November 2, 1977
Contract Amount: $148,488.00
Work Started: April 11, 1978

Kraus Construction Co., Contractor
P.O. Box 923, Great Falls, MT
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Comp. Date: Nov. 1, 1978
Effective opening date: Aug. 2, 1978

Project 100% completed on Nov. 1, 1978 with 100% of contract time used. Two man engineering crew compiling final estimate, supporting data and other assignments. Anticipate submittal of final estimate to Division Office on Feb. 15, 1979.

TQS 228-1(3)0
Great Falls - Highwood
Cascade County
13.7 miles, Pl. Mix Overlay & Seal Cover
Contract Awarded: July 19, 1977
Contract Amount: $1,087,497.70
Work Started: Sept. 19, 1977

Hilde Construction Co., Contractor
P.O. Box 2283, Great Falls, MT 59401
Frank Robinson - Mgr. F.P.U.
Great Falls, Phone #453-2573
Prob. Comp. Date: April 30, 1979
Effective Opening Date: July 21, 1978

Progress has been none. Due to weather conditions, contractor has not begun work on counter balance berm, required by slide area. Also, seeding operations delayed until Spring 1979. The project as a whole is 96% complete with 66% of the contract time elapsed. Construction layout is 99% complete with a 3 man engineering crew engaged in other assignments.

RS 228-2(4)40
Fort Benton - South
Chouteau County
4.3 miles - G. GS. Pl. Mix Bit. Surf.
Contract Awarded: March 31, 1978
Contract Amount: $1,039,164.75
Work Started: June 8, 1978

General Construction Co., Contractor
P.O. Box 3589, Butte, MT 5970;
Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 140 Working Days
Prob. Comp. Date: July 1, 1979
Effective opening date:

Progress has been poor. Subcontractor Baltrusch completed crushing Pl. Mix base Agg. Dec. 19, 1978. Subcontractor Swan & Son placing temporary fence when weather permits. The project remains 61% complete with 71% of the contract time elapsed. Construction layout is 95% complete with a 13 man engineering crew engaged in layout, inspection, testing and other assignments.

RS 330-1(3)31
Cascade East - Cascade - Ulm
Cascade County
6.5 miles - Pl. Mix Overlay
Contract Awarded: Dec. 15, 1977
Contract Amount: $250,432.62
Work Started: July 18, 1978

Meyer Construction., Contractor
P.O. Box 1417, Billings MT 59101
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 74 Working Days
Comp. Date: Sept. 9, 1978
Effective opening date: Sept. 1, 1978

Project completed Sept. 9, 1978. Final Estimate & Supporting data submitted to Div. Office Dec. 1, 1978. Engineering crew engaged in other assignments.

M 5201(5) U-2
Structure on 6th
Cascade County
506 Feet in Length
Contract Awarded: May 31, 1977
Amount of Contract: $2,008,232.79
Work Started: June 21, 1977

Sletten Const. Co., Contractor
P.O. Box 2467
Great Falls, MT 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone 453-2573
Comp. Time: 300 Working Days
Prob. Comp. Date: April 15, 1979
Effective Opening date:

No work during this reporting period due to snow and cold. The project remains 96% complete with 81% of contract time elapsed, with a 4 man engineering crew engaged in other assignments.

MBRM 5210(4) U-1
Structure on 1st Ave. N. - Gt. Falls
Cascade County
962 Ft. in Length
Contract Awarded: Aug. 25, 1978
Amount of Contract: $5,188,929.19
Work Started: Sept. 21, 1978

Sletten Construction Co., Contractor
P.O. Box 2467
Great Falls, MT 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone 453-2573
Comp. Time: 450 Working Days
Prob. Comp. Date: Sept. 1980
Effective opening date:

Department of Highways January 2, 1978

Progress has been fair, with snow and cold weather slowing operations. Contractor continues to work 2 shifts, 5 A.M. to 10 P.M. Pier 1 is partly excavated, Piers 2, 3, 4 & 5 are 1/2 placed and pier 6 has cofferdam in place. Items and percent complete are: A D conc. 10%, remove str. 1%, shor & crib 28%, St. Exc. 20% and resteel 5%. The project as a whole is 10% complete with 9% of the contract time elapsed. Construction layout is 30% complete with a 4 man engineering crew engaged in layout, inspection and other assignments.

RRP 4139(51)
Railroad Grade Crossing, 38th St. Great Falls
Cascade County
Contract Awarded: Aug. 25, 1978
Contract Amount: $107,811.36
Work Started:

Kraus Contracting Company, Contractor
P.O. Box 923, Great Falls MT
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 30 Working Days
Prob. Comp. Date: May 15, 1979
Effective opening date:

Progress has been none. Contractor intends to resume crushing and stockpiling of aggregates and grading operations if weather will permit. Project remains 0% complete with 27% of contract time elapsed. Construction layout is 75% complete with a 3 man engineering crew engaged in other assignments.

RS 0005(59)
Secondary Signing
Cascade County
Contract Awarded: March 31, 1978
Work Started: Sept. 19, 1978

Northern Rockies Const., Contractor
P.O. Box 2101, Great Falls, MT 59401
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573

Project completed Oct. 18, 1978. Final estimate and supporting data submitted to Division office on Nov. 9, 1978, and forwarded to Helena office on Dec. 6, 1978. This is the final report.

Carl A. Swanson - P.E. - Asst. - Supvr. -
Division Construction Section

CAS/MRB/kc

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

December 29, 1978

RECEIVED
JAN 3 1979
CONSTRUCTION BUREAU

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending December 29, 1978.

G E N E R A L

The weather for the past reporting period has been fair with some light snow and high winds. The temperatures ranged from a -20° to a +35°.

P R E C O N S T R U C T I O N

HHS 58-1 (1) 30, St. Mary - Babb
Fencing Survey
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F10-2 (1) Big Sandy-North
9.1 miles, Chouteau County
Preliminary Engineering

Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821

Preliminary engineering began Monday 11/27/78. Establishing and referencing centerline is 100% complete. The first run of levels is 30% complete. Levels as a whole is 16% complete. The roadway cross-sections are 8% complete. The location as a whole is 10% complete. A two to eight man engineering crew worked 62½ mandays this period for a total of 81½ mandays used to date.

S 241-1 (01),, Turner - Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, Engineering Officer 1
Havre, Montana
Telephone No. 265-6821

No work on this project. Design as a whole is 25% complete with 24 mandays used to date.

RS 233-1 (01), Havre - North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, Engineering Officer 1
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 40% complete.

RS 233-1 (2), Havre - North
12.00 miles, Secondary Rte. 233
Location Survey

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

No work on this project this period as the engineering crew is working on other projects. Reducing notes and plotting cross sections are 75% complete. The cross sectioning is 93% complete. Centerline, levels, check levels, and utility topography are 100% complete. The general topography is 75% complete and section ties are 15% complete. The location survey as a whole is 70% complete with 194 mandays used to date.

F 44-1 (01), Valier - East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

One man worked 4 mandays plotting the hardshell. The centerline, bench levels, and cross-sections are 100% complete. Section ties are 5% complete, plotting profile is 99% complete, and the hardshell is 80% complete. A total of 525 mandays have been worked and the survey is 85% complete.

RS 552-1 (01), Sunburst - East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

No work on this project during this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

RS-TQS-464-1 (01) Browning-Babb
5.9 miles Glacier Co.
Preliminary Engineering

Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

A 4 to 6 man crew worked 9 days flagging all points on aerial photos and running angles and distances on the first 2 miles. Progress has been slow due to snow and high winds.

M-5713 (01) Havre By-Pass
1.6 Mi. Hill County
Preliminary Survey

Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180

A five man engineering crew started work on 10/25/78 and have worked 62½ mandays establishing elevations and coordinates to control points. The work requested is 90% complete.

CONSTRUCTION

I 15-8 (21) 354
Shelby-Oilmont Jct.
14.6 miles - Toole County
Grade, Aggr. surf., pl. mix
Bit. surf. , and structures
Contract Not Let

James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

Marias River Electric
All work is complete with the exception of one pole which will be moved at a later date.

I 15-8 (21) 354 - Shelby-Oilmont Jct. (Continued)

Northern Telephone
There has been no work by the telephone company and the work remains 90% complete. Five men are staking centerline and right of way.

ROS 4144 (52) Unit 14
East & West of Chinook
Bridge End Treatment
Contract Let: 12/14/78
Contract Amount:
Work Not Started

Richard LaSalle, Excavating
1230 Blvd. Ave.
Havre, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 20 working days
Probable Completion Date: 6/1/79

No work on this project this reporting period.

HHS 1-3 (1) 223, Browning - East-West Road
0.5 miles, Glacier County
Slope flattening and guard rail
(safety correction)
Contract Let: September 29, 1977
Contract Amount: $128,316.89
Work Started: 4/24/78

Evenson, Inc.
Chouteau, Montana
Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 45 working days
Completion Date: 9/26/78

One man has been working on the final estimate and supporting data, which is 90% complete, and utility claim. Estimated submittal date for the final estimate is 1/15/79.

I-IG 15-8 (25) 379
Sunburst - Canadian Line
Sweetgrass - South, Sunburst - South
Gr. agg. surf., pl. mix
bit. base, pl. mix bit, surf.,
structures , safety correction
& pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Field Project Manager
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 215 working days
Completion Date: 10/27/77

One to two men worked 25 mandays checking final estimate and supporting data which is 95% complete. Estimated submittal date is 1/12/79.

I 15-8 (33) 343
Toole County Line - North
8.314 mi. agg. surf.,
pl. mix bit. surf., & signing
Contract Let: 10/28/76
Contract Amount: $2,176,268.12
Work Started: 5/16/77

Empire Sand and Gravel Construction Co.
Billings, Montana
James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Completion Date: 9/22/78
Effective Opening Date: 9/1/78

The final estimate is complete and will be submitted to the Division office as soon as transportation is available.

RF FLH 353 (15)
Two Medicine Bridge - East
5.7 miles - Glacier County
Grade, aggr. surf., pl. mix base,
pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work Started: 4/28/77

Hilde Construction, Inc.
Great Falls, Montana
Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Completion Date: 8/4/78
Effective Opening Date: 8/3/78

A two to four man engineering crew is working on the final estimate which is 90% complete, and other projects. Estimated submittal date is 2/5/79.

RS 432-1 (2) 27
Big Sandy - Rudyard
7.3 miles - Chouteau & Hill Counties
Grade, aggr. surf., pl. mix
base and signing
Contract Let: 5/26/77
Contract Amount: $935,668.76
Work Started: 7/6/77

Wickens Brothers
Lewistown, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 140 working days
Completion Date: 9/29/78
Effective Opening Date: 9/15/78

One to three men worked 10 days on the final estimate and supporting data. Checking final supporting data is 50% complete.

TQS 464-1 (2) 19 U-2
Browning-Babb (Duck Lake Road)
5.3 mi. Glacier County
Contract Let: 8/24/78
Contract Amount: $1,395,243.01
Work Not Started

Rehbein Contracting, Inc.
P. O. Box 339
Plains, Montana 59859
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 120 working days
Probable Completion Date: 10/30/79

Project is under winter shutdown. A one to four man engineering crew has been working on compiling notes needed for construction which are 95% complete. Construction layout as a whole is 96% complete.

F-1-6 (2) 382
U.S. 2 - Havre - East Section
1.9 miles - Hill County
Grade, gravel surfl, pl. mix surf.
and storm sewer
Contract Let: 5/26/77
Contract Amount: $1,137,961.65
Work Started: 7/20/77

Baltrusch Construction, Inc. & Affiliates
Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 6/1/79
Effective Opening Date:

Construction is under a winter shutdown. The sidewalks, signing, floodgate, and unclassified excavation are the largest items remaining to be completed. All surfacing operations as a whole are 98% complete. The project as a whole is 90% complete with 94% of the contract time elapsed. The engineering crew is assigned to other projects.

M5708 (2) Unit 1
5th Avenue and 14th Street - Havre
(Securing a Delivery of Signal Materials)
0.0 miles - Hill County
Contract Let: 3/30/78
Contract Amount: $10,737.00
Work Started: 6/16/78

Western Sign Corporation
Great Falls, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: August 1, 1978
Completion Date: 12/12/78.

All materials have been delivered to the State Highway Shop at Havre. The project as a whole is 100% complete. The final estimate and supporting data was delivered to the Division office on 12/14/78.

M5708 (2) Unit 2
City of Havre
(Install Traffic Control Devices)
0.0 miles - Hill County
Contract Let: 8/7/78
Contract Amount: $18,046.60
Work Started: 9/26/78

Western Sign Corporation
Great Falls, Montana
Albert M. Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 30 working days
Probable Completion Date: 1/30/79

There has been no work on this project this reporting period. The project as a whole remains 43% complete with 23% of the contract time elapsed.

Respectfully submitted,

Hazen D. Flickinger

Hazen D. Flickinger, P.E., Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
December 28, 1978

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending December 26, 1978.

GENERAL

Progress throughout the Division has been slow. Weather ranged from fair and mild to cold and snow with temperatures ranging from minus 18 degrees to plus 40 degrees.

PRECONSTRUCTION

F-20-2(1), SAVAGE-CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

G.L. Kuester, Designer III
Design Started - August 4, 1975
Est. Comp. Date - May 31, 1979

Three mandays were used this past period on section tie recordation sheets and contacting land owners. This completes the location survey with 916.5 mandays used to date. On design 9½ mandays were used placing section lines on linen plan sheets and placing quantities on summary sheets. Design is estimated 39% complete with 164½ mandays used to date.

RF-20-2(2), SIDNEY-FAIRVIEW
Length - 11.6± Miles
Survey Authorized - October 6, 1975
Survey Started - October 22, 1975
Date Survey Resumed - March 9, 1978

Robert A. Passow, Field Project Mngr.
Glendive, Montana - Phone 365-5296
Est. Comp. Date - June 1, 1979

A three to eight man engineering crew worked 116½ mandays this period. Five mandays were spent checking topography; 15½ mandays were spent plotting plan to station 285+00; 10 mandays were spent plotting centerline profile; 27 mandays were spent cross sectioning from station 441+00 to station 474+00; 25 mandays were spent running centerline and setting control points from station 536+00 to station 562+00; 10 mandays were spent extending cross sectioning from station 288+00 to station 295+00; 19 mandays were spent on section ties and property corners; 5 mandays were spent on bridge situations. Flyline established and B.M.'s established remains 95% complete; centerline run is 95% complete; cross sections are 82% complete; topography is 56% complete; bridge situations are 42% complete; plan plotting is 49% complete; profile plotted is 46% complete; and field notes checked are 35% complete. A total of 1,325½ mandays have been worked on the project making it 85% complete.

F-25-1(1), CIRCLE-NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977
Survey Started - January 6, 1978

John M. Berres, Eng. Off. I
Glendive, Montana - Phone 365-5296
Est. Comp. Date - September 1, 1979

Ground control for aerial survey was completed March 23, 1978. Mapping has been completed by the Photogrammetric Unit. Map sheets have been returned to the Division Office for placing centerline and cross sections wanted. To date eleven mandays have been used on placing centerline, placing cross section limits and picking cross section stations. Maps were returned August 2, 1978 for further processing by the Photogrammetric Unit. To date 242.5 mandays have been spent on field work on this project.

RECEIVED
JAN 1 1979
CONSTRUCTION BUREAU

F-42-1(1)0, FLOWING WELLS-NORTH
Length - 19.7 Miles
Survey Authorized - March 16, 1977

G.L. Kuester, Deisgner III
Glendive, Montana - Phone 365-5296
Est. Comp. Date (Design) - Aug. 30, 1980

No work on this project during the past period. Design will be completed as soon as comments on P.I.H. Report are received. Design remains 68% complete with 9½ mandays used to date.

S-201-2(1)39, PRESSERVILLE-FAIRVIEW
Lenght - 6.0 Miles
Survey Authorized - December 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

G.L. Kuester, Designer III
Glendive, Montana - Phoen 365-5296
Design Started - July 1, 1971
Est. Design Comp. Date - Dec. 31, 1979

Design of this project remains 11% complete with 25 mandays used to date. Plans are now to estimate cost of project as an overlay and also for complete reconstruction. A meeting with the County Commissioners would then determine what design to complete.

S-252-1(1), CIRCLE NORTHWEST
Length - 11.145 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Survey Resumed - January 24, 1978

Robert A. Passow, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - December 29, 1978

Nineteen mandays were used this past period working on plan plotting and doing miscellaneous work on section corners. Flyline established, centerline run, B.M.'s, cross-sections, topography, profile plotted are 100% complete; section ties are 97% complete, plan plotted and bridge situations are 99% complete, drainage recommendations are 95% complete. A total of 991 mandays have been worked on the project making it 98% complete.

RS-253-2(1)36, BROCKWAY-SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on August 10, 1976.

S-323-1(1)47, ALZADA-EKALAKA
Length - 18.4 Miles Ground Control
Survey Authorized - March 4, 1970

Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Comp. Date - November 30, 1979

During the past period one man worked one manday checking photos and traverse sketch for information requested. Horizontal control and elevations are 100% complete. Traverse sketch and photos with requested information were submitted to Preconstruction Bureau on December 4, 1978. A total of 360½ mandays have been used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON COUNTY LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.
Signing and Structures
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976
Contract Awarded - March 31, 1976

Joe Mayo & Sons, Inc.
Box 310, Cavalier, North Dakota 58220
H.D. Kelly, Fld. Proj. Mgr.-Rdwy.
C.H. Neiffer, Fld. Proj. Mgr.-Struct.
Glendive, Montana - Phone 365-2877
Contract Time - 260 Working Days
Comp. Date - August 7, 1978
Effective Opening Date - July 27, 1978

I-IC-94-5(14)181, FALLON-DAWSON COUNTY LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY (Continued...)

The contract was completed on August 7, 1978, using 279 working days or 100% of the contract time. Final estimate is 100% complete on all projects. Checking in the Division Office completed and final estimates with supporting data will be submitted to Helena when Change Order No. 23 has been approved.

I-94-6(23)202, GLENDIVE-WEST
I-94-6(28)209, GLENDIVE-EAST AND WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guardrail, and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Sons, Inc.
Box 310, Cavalier, North Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr.-Struct.
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Comp. Date - October 31, 1977
Effective Opening Date - October, 1976

Contract was completed on October 31, 1977 using 233 working days or 95% of the contract time. One to two engineers working part time on final estimate this past period. Final estimate remains approximately 98% complete, with checking in the Division Office being 25% complete.

I-94-6(29)226 UNIT 1
GLENDIVE WIBAUX CO. LINE WEST (EAST SECTION)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1977
Amount of Contract - $1,619,125.62
Work Started - November 22, 1976

Joe Mayo & Sons, Inc.
Box 310, Cavalier, North Dakota 58220
Vic Scheuffele, Fld. Proj. Mgr.
Ken Quale, Fld. Proj. Mgr.-Struct.
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Completion Date - May 16, 1978
Effective Opening Date - N/A

Contract was completed on May 16, 1978 using 151 working days or 87% of the contract time. One engineer working part time on final estimate. Final estimate is 94% complete with checking in the Division Office being 30% complete.

I-94-6(30)221 UNIT 1
WIBAUX COUNTY LINE-WEST (MIDDLE SECTION)
Length - 4.7 Miles
Grade, Related Items, and Dual Overpass
Contract Awarded - August 15, 1977
Amount of Contract - $1,418,195.30
Work Started - September 6, 1977

McIntyre Const. & S. Birch, Inc.
Box 2167, Great Falls, MT 59403
Bernard F. Kelly, Fld. Proj. Mgr.-Rdwy.
K.G. Quale, Fld. Proj. Mgr.-Struct.
Glendive, Montana - Phone 365-5296
Contract Time - 150 Working Days
Prob. Comp. Date - June 1, 1979
Effective Opening Date - N/A

There has been no progress this past period. A winter shut order was issued on November 16, 1978 as per Article 08-06B of the Standard Specifications for Road & Bridge Construction, 1976 Edition. The project as a whole is 85% complete with 155 working days used or 97.5% of the contract time elapsed. Construction layout with two men employed with one man in the office working on final dirt quantities is estimated to be 85% complete.

IR-94-6(32)216, GLENDIVE-EAST
Length - 16.9 Miles
Plant Mix Bitum. Surf. Overlay With Seal
Cover & Reflective Cracking Fabric
Contract Awarded - August 25, 1978
Amount of Contract - $1,429,388.08
Work Not Yet Started

Earth Builders, Inc.
Box 838, Bismarck, No. Dak. 58501
Robert A. Passow, Field Project Mngr.
Glendive, Montana - Phone 365-5296
Contract Time - 100 Working Days
Prob. Comp. Date - July 27, 1979
Effective Opening Date - N/A

IR-94-6(32)216, GLENDIVE-EAST (Continued...)

A three to five man engineering crew worked 77 mandays this period. Twenty-seven mandays were spent running centerline on westbound station 1020+00 through station 1290+83.3 and x-sectioned low spots on overlay station 413+50 through station 1290+83.3. Fifty mandays were spent running centerline on eastbound station 393+02.4 through 597+99.6 and referencing points in this area. Locating old bench marks on eastbound station 451+00 through station 600+00.

I-94-7(13)244, YATES ACCESS ROAD
Length - 2.2 Miles
Grade and Gravel
Contract Awarded - August 7, 1978
Amount of Contract - $130,470.18
Work Started - September 7, 1978

Swan & Sons Constr. Inc.
Box 111, Rte. 1, Anaconda, MT 59711
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 60 Working Days
Prob. Comp. Date - April 1, 1979
Effective Opening Date - N/A

Project under winter shutdown as of November 17, 1978. All items are 100% complete except for fencing items, 1½" CBS and seeding items which remain 90%, 99% and 0% respectively. Construction layout with a one to two man engineering crew in office on final quantities remains 97% complete. Project as a whole remains 85% complete with 48 working days or 80% of the contract time elapsed.

F-27-2(1)44, BAKER-NORTH
Length - 10.3 Miles
Plant Mix Overlay
Contract Awarded - June 27, 1977
Amount of Contract - $617,681.20
Work Started - September 16, 1977

Meyer Construction Company
Box 1417, Billings, Montana 59101
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 90 Working Days
Prob. Comp. Date - April 1, 1979
Effective Opening Date - N/A

Project as a whole is 100% complete with the exception of the gravel pit reclamation which will be accomplished at a later date. Eighty-seven working days used or 96% of the contract time elapsed. Final estimate is 100% complete and has been checked in the Division Office.

RS-323-1(2)47, ALZADA-EKALAKA
Length - 3.2 Miles
Grade, Drain, Agg. Surf., Plant Mix Bitum. Base Seal and Cover
Contract Awarded - May 31, 1977
Amount of Contract - $773,245.82

Earth Builders, Inc.
Box 838, Bismarck, No. Dak. 58501
Dennis C. Tenney, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 120 Working Days
Prob. Comp. Date - April 1, 1979
Effective Opening Date - July 28, 1978

No progress this past period. Project as a whole is 100% complete with the exception of seeding of the gravel pit which will be completed in the spring. One engineer worked part time on final estimate which is 99% complete.

RS-394(3), WEBSTER WEST
Length - 10.036 Miles
Grade, Agg. Surf., & Prestressed Con. Girder Bridge
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Started - April 11, 1977

McIntyre Construction & S. Birch, Inc.
P.O. Box 2167, Great Falls, MT 59403
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Comp. Date - December 8, 1978
Effective Opening Date - June 12, 1978

RS-394(3), WEBSTER WEST (Continued...)

Project roadway was completed on June 12, 1978 and preliminary acceptance of the project was made on June 27, 1978. Project was completed December 8, 1978 using 151 working days or 94% of the contract time. Final estimate and supporting data submitted to Helena on December 11, 1978. This is the final report on this project.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor -
Division Construction Section

BR:JMB:tap

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DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
December 29, 1978

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending December 29, 1978.

GENERAL

Winter weather has been prevalent the past period with numerous snow showers, blizzard conditions and cold temperatures. Six to fifteen inches of snow is on the ground. Progress on road and bridge construction has been poor to good. The temperatures ranged from a low of minus 13 degrees to a high of 34 degrees.

PRECONSTRUCTION

F 1-8(3)490, Saco Flats-Flood
Approximately 2 Miles in Length
Authorized--06-08-78

Robert M. Hanson, Designer III
Wolf Point, Montana
653-1050
Design Started--08-31-78
Design Compl. Date--11-29-78

Design is 90% complete and proposed plans submitted to Helena 11-29-78.

F 22-2(01), Plentywood-South
Formerly F 193(22)
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--01-15-79
Design Started--09-01-78
Est. Compl. Date (PIH)--04-15-79

Percentages complete on the 10.1 mile survey exclusive of the line change are as follows: center line, bench levels, profile, profile plotted, section ties, topography and cross sections 100%; drainage 75%. The project as a whole is 96% complete with 1,074 man days used to date. Because of the line change, the estimated date of completion is changed to 01-15-79. Division office personnel used 13 man days on design for a total of 49 man days used to date. Design is 7% complete.

F 32-1(01)0, Macon-North
Formerly RF 266(11)
Approximately 10 Miles in Length
Authorized--11-04-76

Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Est. Compl. Date--02-15-79

Center line, bench levels, topography and cross sections are 100% complete. Section ties are 90% complete. 78 man days were used this past period on bridge situations, checking notes and section ties. The survey as a whole is 97% complete with 588 man days used to date.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--01-13-77
Location Survey Suspended--03-30-77
Location Survey Resumed--12-05-77
Location Survey Suspended--02-01-78

George L. Nelson, Fld Proj Mgr
Scobey, Montana
Est. Compl. Date--03-15-79

No work this past period. Percentages on the survey are as follows: center line and bench levels 100% complete, topography 60% complete, section ties 40% complete, cross sections 10% complete. The project as a whole is 48% complete with 307 man days used to date. Survey suspended, crew transferred to other projects.

F 62-1(01), Missouri River Bridge-South of Culbertson
Approximately 0.2 Mile in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--03-15-79

No work on bridge site survey this past period. Crew engaged on other projects. Survey suspended until crew is available.

RS 344-1(1)0, Brockton-Froid
RS 344-1(2)15, Froid-West
RS 405-1(1)18, Froid-East
Approximately 30.9 Miles in Length
Authorized--

Robert Hanson, Designer III
Wolf Point, Montana
653-1050
Design Started--

Design will be started the first part of January.

CONSTRUCTION

F 1-8(1)457 & HHS 1-8(2)454
Dodson-Malta & Dodson-East
9.0 Miles in Length
Plant mix overlay, seal & cover
Contract Let--09-20-77
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--04-27-78
Bid Price--$537,518.34

Earth Builders, Inc.
Box 838
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Malta, Montana
Act. Compl. Date--08-10-78
Effective Opening Date--08-10-78

All items are 100% complete and final notes were submitted to the Division office on 08-25-78. Final is being held in the Division office pending approval of change order for gravel sources.

F-TQF 1-9(3)537, F 1-9(5)542, HHS 1-9(6)541, & F 42-3(2)75, Glasgow-West
6.3 Miles in Length
Grading, aggregate surfacing, plant mix base and surfacing, storm sewers, signing, two 114.0' concrete slab bridges, seal & cover
Contract Let--08-24-78
Contract Awarded--08-25-78
Proceed Order Date--09-15-78
Work Started--09-26-78
Amount of Contract--$3,256,676

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Dale DeVore, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days--180
Prob. Compl. Date--06-80
Effective Opening Date--

All utility relocation work is complete except for the Montana Power relocating luminaires. No work was performed by the prime contractor this past period. The engineering layout percentages are: slope staking 100%, center line 100%, bench levels 100%, referencing of points 90% and storm sewer layout 45%. Layout as a whole is 37% complete. The subcontractor, Sletten Construction Co., has made good progress this past period. Work has been in progress on the Cherry Creek structure. All columns are now in place and work was in progress on the end bents. The contractor shut down after Christmas and future start ups will depend on milder weather. A total of 76% of AD concrete has been placed to date. All piling items are complete and all structure excavation is complete but no backfill has been placed. A total of eight men are engaged with Sletten. The structures as a whole are 37% complete. Two inspectors are assigned to this phase of the work. The project as a whole is 6% complete with 18% of the contract time used to date. A total of eight engineering employees are assigned to the project.

F 1-9(8)541 & RS 246-1(4)0, Two traffic signals City of Glasgow
0.0 Mile in Length
Installation of traffic signals
Contract Let--12-14-78
Contract Awarded--12-15-78
Proceed Order Date--
Work Started--
Bid Price--$59,837.06

Livesay Traffic Maintenance, Inc.
Great Falls, Montana
Dale DeVore, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days--45 (See Spec. Prov.)
Prob. Compl. Date--07-15-79

No work on project to date.

F 1-0(6)611, Poplar-Brockton
14.5 Miles in Length
Plant mix overlay, seal & cover
Contract Let--07-27-78
Contract Awarded--08-07-78
Proceed Order Date--08-28-78
Work Started--08-17-78
Bid Price--$924,348.70

Gus M. Albert
Miles City, Montana
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--100
Prob. Compl. Date--07-01-79
Effective Opening Date--

No progress. The project shut down for the season because of adverse weather conditions on 11-09-78. Items and percent complete remain as follows: crack sealing 100%, crushing and stockpiling aggregates 100%, Grade C plant mix surfacing 62%. The center line striping subcontractor has applied temporary striping. The project as a whole is 44% complete with 49 days or 49% of the contract time elapsed. The construction layout is 90% complete with a 5-man engineering crew assigned to the project.

F-FLH 25-2(2)47 & HHS 1-9(7)565
S.E. Section of the Circle-Wolf Point Road & Frazer-West
12.6 Miles in Length
Grading, aggregate surfacing plant mix Bituminous surfacing, signing, lighting traffic signals & a 71.25' prestressed concrete girder bridge
Contract Let--09-29-77
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--10-13-77
Bid Price--$2,107,378.17

Wickens Brothers
Lewistown, Montana
Duane J. Novakovich, Fld Proj Mgr
653-1050
Working Days--150
Prob. Compl. Date--04-01-79
Effective Opening Date--09-18-78

Some minor cleanup remains to be completed. Project is 99% complete with 84% of the contract time elapsed. Two engineering personnel working on final notes.

F 32-2(1), Port of Scobey
0.141 Mile in Length
Grading, plant mix bituminous base, seal & cover
Contract Let--11-17-77
Contract Awarded--12-15-77
Proceed Order Date--04-17-78
Work Started--05-18-78
Bid Price--$65,360.85

Earth Builders, Inc.
Bismarck, North Dakota
Dale DeVore, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days--45
Prob. Compl. Date--04-30-79
Effective Opening Date--06-20-78

No work in progress. The project is complete except for minor cleanup and seeding. A total of 35 working days has been used to date or 78% of the contract time. The project is 97% complete. No personnel have been assigned to the project this past period.

TQF 32-1(2)0, Macon-North & South
6.2 Miles in Length
Grading, aggregate surfacing, plant mix bituminous base, plant mix bituminous surfacing, fencing & signing
Contract Let--06-22-78
Contract Awarded--06-23-78
Proceed Order Date--07-14-78
Work Started--10-23-78
Bid Price--$1,587,913.95

Hilde Construction Co.
Great Falls, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--150
Prob. Compl. Date- 08-01-79
Effective Opening Date--

Project shut down for the winter. Following are items and percentages complete: uncl. exc. 35,000 cu. yds. or 22%, uncl. borr. exc. 25,000 cu. yds. or 19%, topsoil 20,000 cu. yds. or 17%, fencing 30 rods or 2% and C.S.P. installations are 30% complete. Project is 6% complete with 52% of the contract time elapsed. Engineering personnel are engaged on other projects.

F 62-1(2)1, Sidney-Culbertson
6.7 Miles in Length
Grading, plant mix bituminous base, plant mix bituminous surfacing and signing
Contract Let--07-28-77
Contract Awarded--08-05-77
Proceed Order Date--08-26-77
Work Started--08-11-77
Bid Price--$2,272,925.24

William Clairmont, Inc.
Bismarck, North Dakota
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--180
Act. Compl. Date--11-16-78
Effective Opening Date--08-21-78

The project is 100% complete with 154 days or 84% of the contract time elapsed. A five man engineering crew is assigned to the project checking final quantities in conjunction with field work on a preconstruction project. Estimated date of submittal of final quantities to the Division office is 03-15-79.

RS 248-4(2)18, Opheim-Scobey
Formerly S 8(12)
4.4 Miles in Length
Grading, aggregate surfacing, plant mix bituminous base and widening timber bridge
Contract Let--05-26-77
Contract Awarded--06-16-77
Proceed Order Date--07-07-77
Work Started--06-30-77
Bid Price--$669,459.08

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Scobey, Montana
Working Days--110
Prob. Compl. Date--04-30-79
Effective Opening Date--08-04-78

All items are 100% complete with the exception of seeding and fertilizing of the gravel pit. The project as a whole is 99% complete with 91% of the contract time elapsed. Final notes have been checked by the Division office. No personnel presently assigned to the project.

Vernon D. Borden

Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:BH:psb

cc: Field Project Managers
Don Williams
Leroy Anderson
File

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DEPARTMENT OF HIGHWAYS
Billings, Montana

December 29, 1978

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the period ending December 29, 1978.

GENERAL

Temperatures ranging from 0 to +40 degrees prevailed with 1.46 inches of precipitation received during the reporting period. The majority of the construction projects are shut down at this time due to cold temperatures and heavy snow cover. Good progress was reported on location surveys during the period.

PRECONSTRUCTION

I 90-9(33)516
Lodge Grass No. - No. Section
9.1 Miles - Big Horn County
Staking Authorized 11-16-78
Letting Date Unknown

Raymond Schaak, Fld. Proj. Mgr.
Hardin, Montana
Phone No. 665-3666

No man days were expended this period. Running of mainline centerline and slope staking are 100% complete. R/W line is 100% complete on mainline. The construction layout as a whole is 70% complete.

I 90-9(54)525
Lodge Grass No. - So. Section
5.9 Miles - Big Horn County
Staking Authorized 11-16-78
Letting Date Unknown

Raymond Schaak, Fld. Proj. Mgr.
Hardin, Montana
Phone No. 665-3666

Five man days were expended this period locating centerline points and setting curve control points. The construction layout is 2% complete.

FI-90-9(50)485 7 Mi. West of Hardin
Length 0.1 Miles
Survey Authorized 6-8-78
Work Not Started

Raymond Schaak, Fld. Proj. Mgr.
Hardin Montana
Phone No. 665-3666

Work on this survey will begin early in January 1979 when personnel become available.

F 4-1(2)26 Bridger-Fromberg
Length 7.6 Miles
Design Received 5-26-78
Design Started 7-12-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4238
Probable Completion Date 10-31-81

No work was accomplished on this project during the reporting period. Design work is 2% complete.

F 23-1(2)1 Miles City So. - No. Section
5.435 Miles Design Work
Design Started 11-20-78

James M. Young Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-15-80

No work was accomplished on the project this period and the design remains 1% complete.

M 1020(1) 1st. Ave. North-Billings
Division St. to 22nd St.
Length 1.1 Miles
Survey Authorized 2-10-75
Work Started 1-3-78

Kenneth Hartman, Fld. Proj. Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 3-1-79

No personnel were assigned to the project this period and the survey remains 52% complete with 315 man days expended to date.

RS 416-1(1) Billings-South
8.2 Miles
Design Started 2-14-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date 6-29-79

Work on this project the past period consisted of plotting template, topography and construction limits. Plans are awaiting transportation to Helena for printing of Pre-Plan-in-hand prints. The design is 23% complete.

AR 9562 Pryor Cr. Bridge-Old U.S. 87
Length 0.4 Miles
Survey Authorized 10-17-78
Work Started 11-13-78

Roddo Bakich, Fld. Proj. Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 1-13-79

All field work was completed this reporting period with 144 man days having been used to date. The project is 88% complete and will be forwarded to Helena upon completion of the plotting of field data.

RS 306-1(1)0 Columbus - North
3.897 Miles Design Work
Design Received 3-30-77
Design Started 9-15-77

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-82

One man day was expended the past period reviewing and computing drainage areas and making recommendations to the Hydraulics Unit. The design is 25% complete.

RS 308-1(4)9 Belfry-West
Length 5.4 Mi. - Carbon County
Survey Authorized 8-25-78
Work Started 11-27-78

Michael Zahn, Fld. Proj. Mgr.
Red Lodge, Montana
Phone No. 446-1805
Probable Completion Date 5-1-79

Twenty-four man days were expended this period. One mile of center line was run, 3.5 miles of levels were run and checked and ownerships were checked on 3 miles. The location survey is 15% complete.

DP 384-2(1) 41 Sarpy Ck. Road(Center Sect.)
5.047 Miles Design Work
Design Received 9-77
Design Started 2-22-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date 7-20-79

Two employees worked on the project this period templating cross sections, plotting topography, and computing drainage areas. The design is 20% complete.

DP 37-1(1)8 Crow Agency-Busby (Center Sect.)
8.812 Miles Design Work
Design Started 2-28-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date 3-30-79

One employee worked two days this period reviewing and computing drainage areas. The design is 49% complete on the Dipping Vat Creek section and 8% complete on the main section of the project. The estimated completion date for the bridge location is March 30, 1979.

RS 568-1(1) Pompeys Pillar Bridge
Length 1.6 Miles - Treasure County
Survey Authorized 11-28-78
Work Started 12-13-78

John Miner, Fld. Proj. Mgr.
Custer, Montana
Phone No. 635-4651
Probable Completion Date 6-1-79

Sixteen man days were expended this period establishing P.I.s and running centerline from sta. 10+oo to 51+39.3. Running of centerline is 52% complete and the survey as a whole is 6% complete.

DP 314-1(1) Decker-Wyoming Line
Length 3.8 Miles - Big Horn County
Survey Authorized 5-8-78
Work Started 8-30-78

Raymond Schaak, Fld. Proj. Mgr.
Hardin, Montana
Phone No. 665-3666
Probable Completion Date 1-15-79

Thirty-two man days were expended this period running center line and profiling same from sta. 0+00 to 150+00. The survey as a whole is 12% complete.

CONSTRUCTION

I 90-8(80)439 Mossmain Weigh Station Revision
0.1 Miles Revise Approaches and Facilities
Contract Awarded 10-1-77
Amount of Contract $146,396.55
Proceed Order Date 10-25-77
Work Started 6-2-78

Empire Sand & Gravel Co., Inc.
Billings, Montana
Kenneth Hartman, Fld. Proj. Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 40 Working Days
Completion Date: 8-1-78
Effective Opening Date: N/A

Two men have worked periodically on checking final quantities the past period. The final estimate and supporting data will be submitted to the Division Office by January 12, 1979

IR 90-8(82) 396 Columbus E. & W.
Length 13.1 Miles
Pl. Mix. Bit. Seal
Stillwater County
Contract Awarded 5-31-78
Amount of Contract $846,632.70
Proceed Order Date 6-21-78
Work Started 8-21-78

Empire Sand & Gravel Co., Inc.
Billings, Montana
Roddo Bakkich, Fld. Proj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 70 Working Days
Completion Date: 10-8-78
Effective Opening Date: N/A

The final estimate and supporting data have been checked in the Division Office and forwarded to Helena. This will be the final report.

I 94-1(37)50 U2 & I 94-2(20)51
Big Horn River East & West
5.9 Miles Grading, Agg. Surf., Pl. Mix Bit. Surf.
117.25' Structure
Contract Awarded 12-15-77
Amount of Contract $1,848,510.69
Proceed Order Date 4-17-78
Work Started 2-9-78

Earth Builders, Inc.
Bismarck, North Dakota
John Miner, Fld. Proj. Mgr. Roadway
Donald Taylor, Fld. Proj. Mgr. Structure
Custer, Montana
Phone No. 635-4651
Contract Time: 160 Working Days
Probable Completion Date: 8-1-79
Effective Opening Date:

The prime contractor did work on the project this period and does not plan to resume operation untill weather permits in the spring. The Sub-Contractor, COP Construction Company, worked seven 8-hour shifts and employed 5 men. 7oo lineal feet of concrete drain chute was completed on the U2 portion of the project. Concrete cutoff walls were placed left of sta. 44+10 and 160+48. No work was done on the structure. Drainage items are now 94% complete and the percent complete on the other items remain as previously reported. 122 of the allotted 168 working days have now been used or 73% of the contract time is elapsed. Seven employees are assigned to the project intermittentley and the construction layout is 79% complete.

I 94-1(37)50 Unit 1
Structure and Approaches - Big Horn River 0.22 Miles Yellowstone & Treasure Co.
Contract Awarded 2-28-77
Amount of Contract $1,007,315.91
Proceed Order Date 4-18-77
Work Started 4-8-77

Sletten Construction Co.
Great Falls, Montana
Donald Taylor, Fld. Proj. Mgr.
Phone No. 635-4651
Custer, Montana
Contract Time: 210 Working Days
Completion Date: 10-28-78
Effective Opening Date: N/A

Two men have worked on the final estimate and supporting data periodically this reporting period. The project is 100% complete with 193 working days or 92% of the contract time used. It is estimated that the final data will be submitted to the Division Office by 1-12-78.

I 0008(2) Unit 5
Erosion Control I-94
0.0 Miles Treasure County
Contract Awarded 12-15-78
Amount of Contract $38,004.00
Proceed Order Date Unknown
Work Not Started

Swan & Sons Construction, Inc.
Anaconda, Montana
John Miner, Fld. Proj. Mgr.
Custer, Montana
Phone No. 635-4651
Contract Time: 20 Working Days
Probable Completion Date: 5-15-79
Effective Opening Date: N/A

The contractor has not requested a preconstruction conference and no men have been assigned to the project as yet. It is anticipated that work will began when weather conditions permit.

M 1018(2) & M 1099(2) U2
Interim Couplet 4th & 6th Ave. N.-Billings
Gr. Agg. Surf., Pl. Mix Surf., Signs and Signals
Contract Awarded 10-20-76
Contract Amount $128,510.00
Proceed Order Date 4-18-77
Work Started 3-16-77

Midland Electric Company
Billings, Montana
Kenneth Hartman, Fld. Proj. Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 90 Working Days
Completion Date: 6-10-78
Effective Opening Date: N/A

The final quantities are 80% checked in the Division Office and will be submitted to Helena by January 12, 1979.

RS TQS 308-1(3)0 Red Lodge East (2nd Sect.)
4.4 Miles
Grade, Drain, Agg.Surf., PMBB & PMBS Overlay
Carbon County
Contract Awarded 5-31-78
Amount of Contract $1,159,537.03
Proceed Order Date 6-21-78
Work Started 6-19-78

Wickens Brothers
Lewistown, Montana
Michael Zahn, Fld. Proj. Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date: 9-15-79
Effective Opening Date:

The contractor did not work on the project this period because of cold weather and heavy snow cover. The percent complete of the various items remains as previously reported. Five men have worked on notes and computations periodically this period. The project is 61% complete with 54% of the contract time elapsed. The construction layout is 71% complete.

TQS 308-1(2)4 Red Lodge-Belfry
3.0 Miles - Grading, Agg. Surf., Bit. Base, Signing, in Carbon County
Contract Awarded 4-1-77
Contract Amount $1,122,589.78
Proceed Order Date 4-29-77
Work Started 5-4-77

Rehbein Contracting. Inc.
Plains, Montana
Michael Zahn, Fld. Proj. Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Completion Date: 10-13-78
Effective Opening Date: 10-15-77

The final estimate and supporting data have been submitted to the Division Office and checking is underway. The final data should be submitted to Helena by January 26, 1979.

RS TQS 384-1(2)19 Hardin-Sarpy Creek
11.6 Miles
Grade, Drain, Agg. Surf. and PMBB
Big Horn & Treasure Counties
Contract Awarded 5-31-78
Amount of Contract $2,507,018.45
Proceed Order Date 6-21-78
Work Started 7-18-78

McIntyre Const. Co. & S. Birch, Inc.
Great Falls, Montana
Donald Kittelson, Fld. Proj. Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 200 Working Days
Probable Completion Date: 8-1-79
Effective Opening Date:

Fair progress was reported this period. Work in progress consisted of crushing and stockpiling 1½" Base Course with one lift placed on the roadway from sta. 1265+36 to 1436+00. The contractor is on a winter shutdown and maintenance of the roadway has been assumed by the counties.

The contractor worked 32 nine-hour shifts through December 21, 1978 at which time he ceased operations for the winter. The contractor employed 33 men during the period. Miscellaneous items are 28% complete, grading items 59%, drainage items 84%, surfacing items 9% and fencing items 71%. The project as a whole is 42% complete with 92 working days or 46% of the contract time elapsed. Seven men are assigned to the project for layout and inspection. The construction layout is 73% complete.

RS 311-2(3)11 Myers Bridge-NW
4.9 Miles Grade, Gravel, Drain, Pl. Mix Base and 81.25' Structure - Treasure County
Contract Awarded 6-6-77
Amount of Contract $818,564.06
Proceed Order Date 6-27-77
Work Started 6-16-77

Wickens Brothers Contractors
Lewistown, Montana
John Miner, Fld. Proj. Mgr.
Custer, Montana
Phone No. 635-4651
Contract Time: 120 Working Days
Completion Date 10-27-78
Effective Opening Date: 11-15-77

Two men are compiling data for the final estimate. The final and supporting data will be submitted to the Division Office by January 12, 1979.

ERFO 463-1(2)078 Soap Creek Flood Repair
0.1 Miles in Big Horn County
Contract Let 11-1-78
Contract Awarded 11-1-79
Proceed Order Date 11-22-78
Work Not Started
Amount of Contract $33,384.00

Salveson Construction Co.
Hardin, Montana
Raymond Schaak, Fld. Proj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 30 Working Days
Probable Completion Date: 4-1-79
Effective Opening Date: N/A

The Preconstruction Conference was held on December 11, 1978. The contractor plans on beginning operations as soon as weather conditions permit. No men have been assigned to the project this period and the construction layout is 0% complete. No contract time has been charged to date.

HHS 16-1(1)0 Cerise Rd.-Billings
0.8 Miles
Grade, Agg. Surf. and Drain
Yellowstone County
Contract Awarded 5-31-78
Amount of Contract $182,726.60
Proceed Order Date 6-21-78
Work Started 7-11-78

Barry O'Leary, Inc.
Billings, Montana
Gerald Loran, Fld. Proj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 40 Working Days
Probable Completion Date: 5-1-79
Effective Opening Date:

The contractor did not work on the project this reporting period. All major items remain complete as previously reported. The project as a whole is 87% complete with 100% of the extended contract time expended. Four men are assigned to the project for layout and related office work.

PMS 4140(52) Unit 2,5,9,10 and 12
Pavement Markings at Various Intersections in Billings, Sidney, Glendive, Baker, Circle, Lewistown, Miles City , Lame Deer, Malta Poplar, Wolf Point, Saco & Culbertson
Contract Awarded 3-31-78
Amount of Contract $174,420.36
Proceed Order Date 4-21-78
Work Started 5-22-78

Pacemaker Industries, Inc.
Spokane, Washington
Kenneth Hartman, Fld. Proj. Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 120 Working Days
Completion Date: 8-25-78
Effective Opening Date: N/A

Checking of final quantities is 100% complete and the data is awaiting transportation to Helena. This will be the final report.

TQF 9010(24) 27th Street-Billings
0.2 Miles
Street Reconstruction & Traffic Control Devices
Yellowstone County
Contract Awarded 5-31-78
Amount of Contract $195,926.50
Proceed Order Date 6-21-78
Work Started 7-10-78

COP Construction Co.
Billings, Montana
Kenneth Hartman, Fld. Proj. Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 60 Working Days
Probable Completion Date: 5-30-79
Effective Opening Date: N/A

The contractor did not work on the project this period. All items on the project are 100% complete, with the exception of the signing items and plastic striping which will be completed when weather conditions are suitable.

Contract time elapsed is 55 working days or 92%. Two additional working days have been awarded for change orders and extra work orders. A total of 7 working days remain on the contract. The contractor is on a winter shut-down at present and the project is 95% complete.

Respectfully Submitted,

J. B. Randall

for C.W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/jr

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
December 29, 1978

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JAN 1 1979
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending December 29, 1978, for Division 5230 - Miles City, Montana.

GENERAL

Mostly cloudy skies and normal temperatures prevailed during the period. 1" to 4" of snow were received throughout the division. Temperatures ranged from -5° to 38°. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

F 23-1 (2) 1 - Miles City-South (South Section)
Length - 6.9 Miles
Survey Started: January 3, 1978
Survey Suspended: June 2, 1978
Survey Resumed: December 12, 1978

R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Jan. 31, 1979

Work on this location survey was resumed December 12, 1978. Progress since that date consisted of taking cross sections on 1.2 miles and plotting profile on 3.0 miles. To date, centerline and levels have been run and section ties made on 6.9 miles or 100% complete. Topography has been taken on 6.6 miles or 95% complete. Cross sections have been taken on 5.6 miles or 81% complete. Plan has been plotted on 6.2 miles or 90% complete. Profile has been plotted on 3.0 miles or 43% complete. 35 man-days were used during the period, making a total of 407 man-days. The survey as a whole, with a six-man engineering crew engaged, is 81% complete.

F 23-2 (3) 80 - Bridges
Southeast of Broadus
Length - Approx. 1.1 Miles
Survey Started: November 20, 1978

D. F. Borer, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Feb. 15, 1979

Work in progress during the past period consisted of taking topography on 1.1 miles. To date, centerline and levels have been run, bench marks established, and cross-sections and topography taken on 1.1 miles or 100% complete. Hydraulic Form No. 1 for the Bridge Site Survey is 75% complete. 38 man-days were used during the period making a total of 74 man-days. The survey as a whole, with a two-man engineering crew engaged, is 60% complete.

DP 39-1 (3) 38 - Colstrip to I-94
(Armell's Creek - North and South)
Design Started: November 21, 1977
Length - 6.4 Miles

A. D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: July 1, 1979

Work in progress during the past period consisted of working on drainage items. 21 man-days were used during the period, making a total of 133 man-days. Design as a whole is 35% complete.

S 447-1 (1) 29 - 8 Miles So. of Rosebud-South (South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977
Survey Suspended: March 4, 1977

D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Prob. Compl. Date: May 20, 1979

No work was performed on this location survey during the past period. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken on 0.5 mile or 1% complete. The survey as a whole is 30% complete.

RS 544-1 (1) 26 - Boyes-South
Length - Approx. 7.9 Miles
Survey Started: November 17, 1975

D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Prob. Compl. Date: Jan. 31, 1979

No work was performed on this project during the past period. To date, centerline and levels have been run, bench marks established, and cross sections taken on 7.9 miles or 100% complete. Topography has been taken on 6.0 miles or 76% complete. 253 man-days have been used. The survey as a whole, with a five-man engineering crew engaged, is 80% complete.

DP 566-1 (1) - Tongue River Bridge and Approaches S.W. of Birney
Length - 0.5 Mile
Design Started: June 20, 1978

A. D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Jan. 27, 1979

Work in progress during the past period consisted of making plan-in-hand corrections, inking summary sheets, preparing R/W prints and inking brownline prints. 16 man-days were used during the period, making a total of 65 man-days. Design as a whole is 85% complete.

M 8004 (1) - Montana Avenue (Miles City)
Length - 1.1 Miles
Survey Started: January 3, 1978

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Jan. 31, 1979

No work was performed on this location survey during the past period. To date, centerline and levels have been run, cross sections and topography taken, section ties made, drainage areas run, field notes checked, plan and profile plotted on 1.14 miles or 100% complete. 136 man-days have been used. The survey as a whole is 98% complete.

M 8008 (1) - Haynes Avenue (Miles City)
Length - 1.0 Mile
Survey Started: March 6, 1978

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Feb. 28, 1979

No work was performed on this project during the past period. To date, centerline and levels have been run, cross sections and topography taken, and section ties made on 1.0 mile, or 100% complete. Plan has been plotted on 0.5 mile or 50% complete. Field notes have been checked on 0.5 mile or 50% complete. 101 man-days have been used. The survey as a whole is 80% complete.

I 94-3 (29) 90 U-2 - Forsyth-East and West
Length - 5.745 Mi. Grade., Gravel Surf.
Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, and 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - U.S. 12-I. Conn.-Forsyth
Length - 0.306 Mi. Grade., Gravel Surf.
Pl. Mix Surf., Sign., and 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
R. R. Garland, Fld. Proj. Mngr. (Roadway)
W. D. Dane, Fld. Proj. Mngr. (Structure)
Forsyth, MT - Tel. No. 356-2230
Contract Time: 300 Working Days
Prob. Compl. Date: April 15, 1979
Effective Opening Date: Oct. 4, 1977

All items are completed with the exception of shrubs and trees. The establishing period for these items is September 1, 1978. Shrub replacement remains to be completed. The contract as a whole is 99% complete with 85% of the contract time elapsed. A one-man engineering crew is working on final data.

F-TQF 23-3 (2) 119 - Broadus-Wyoming Line
Length - 20.4 Miles Plant Mix Overlay
Contract Let: April 27, 1978
Proceed Order: May 22, 1978
Amount of Contract: $1,580,737.80
Work Started: August 21, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Contract Time: 90 Working Days
Prob. Compl. Date: July 1, 1979
Effective Opening Date: Oct. 10, 1978

No work was performed on this project during the past period. All major work has been completed with the exception of seal and cover which will be done during the 1979 construction season. The project as a whole is 93% complete with 97% of the contract time elapsed.

F-TQF 39-1 (12) 3 - Lame Deer-Colstrip (South Section)
Length - 9.7 Miles Reshaping, Pl. Mix Overlay, Reflective Cracking Fabric, and Delineation
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $1,048,140.10
Work Started: May 8, 1978

R. J. Studer & Sons Co., Contractor
Billings, Montana
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 125 Working Days
Act. Compl. Date: Nov. 8, 1978
Effective Opening Date: Aug. 25, 1978

All items were completed in conformance with Plans, Specifications, and Special Provisions, November 8, 1978. Formal inspection and acceptance were made November 13, 1978. The final estimate, with a two-man engineering crew engaged, is currently 73% complete and will be submitted to the Division Office abount January 31, 1978.

F-TQF-DP 39-1 (5) 44 U-1 - Colstrip to I-94
(North Section)
Length - 7.0 Miles Grade., Agg. Surf., and Plant Mix Surfacing
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $2,397,998.99
Work Started: June 20, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
R. R. Garland, Fld. Proj. Mngr.
Forsyth, MT - Tel. No. 356-2230
Contract Time: 200 Working Days
Prob. Compl. Date: July 1, 1979
Effective Opening Date:

No work was performed on this project during this period. To date, 666,000 cubic yards of unclassified excavation have been moved or 85% complete, 89,232 tons of 1½" crushed base course have been placed or 26% complete, 5,240 lineal feet of R.C.P. culvert have been placed or 83% complete, and 3,724 rods of fence have been constructed or 82% complete. The following material has been crushed and stockpiled; 10,000 tons of 1½" base course, 24,173 tons 3/4" top surfacing, 739 tons blotter material, 2,235 tons cover material, and 26,496 tons of plant mix base aggregate. The contractor worked thirteen 9-hour shifts and fourteen 10-hour shifts with 15 men employed. The project as a whole is 47% complete with 57% of the contract time elapsed. Construction layout, with a six-man engineering crew engaged, is 76% complete.

F-TQF-DP 39-1 (5) 44 U-2 - Colstrip to I-94
(North Section)
Two 17.5' and one 11.5' Timber and Conc. Stockpasses
Contract Let: May 25, 1978
Proceed Order: June 21, 1978
Amount of Contract: $112,229.05
Work Started: August 10, 1978

Earth Builders, Inc., Contractor
Bismarck, North Dakota
W. D. Dane, Fld. Proj. Mngr.
Forsyth, MT - Tel. No. 356-2230
Contract Time: 60 Working Days
Prob. Compl. Date: March 15, 1979
Effective Opening Date:

Progress during the past period has been fair. Work in progress consisted of setting backing planks for the abutments and wings, stockpass at Station 1374+69. At the stockpass at Station 1555+42, deck-forms have been erected, deck re-steel tied and backing planks set for the abutments and wings. The deck-slab on this structure will be placed as soon as weather permits. The contractor worked one 4-hour and eleven 8-hour shifts during the past period with an average of four men employed. The project as a whole is 72% complete with 93% of the contract time elapsed. Construction layout with a one-man engineering crew engaged is 96% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf., and Plant Mix Surfacing
RF 156 (17) 22.3 Miles S.E. of Miles City-N.W.
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 180 Working Days
Act. Compl. Date: Oct. 25, 1977
Effective Opening Date: July 19, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 25, 1977. Formal inspection and acceptance were made November 2, 1977. The final estimate was submitted to the Division Office January 16, 1978, and is currently 96% complete.

RF 157 (28) - Cohagen-South
Length - 5.433 Miles Grading, Agg. Surf., & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Started: February 24, 1977

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 160 Working Days
Act. Compl. Date: May 25, 1978
Effective Opening Date: Nov. 9, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, May 25, 1978. Formal inspection and acceptance were made May 25, 1978. The final estimate was submitted to the Division Office June 1, 1978, and is currently 90% complete.

RS 0005 (61) - Signing Secondary Routes
(Powder River County)
Contract Let: July 27, 1978
Proceed Order: September 27, 1978
Amount of Contract: $10,576.80
Work Started: September 27, 1978

One Way Sign Company, Contractor
Billings, Montana
C. D. Murray, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 25 Working Days
Act. Compl. Date: Oct. 18, 1978
Effective Opening Date: N/A

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 18, 1978. Formal inspection and acceptance were made October 18, 1978. The final estimate is 75% complete and will be submitted to the Division Office about January 15, 1979.

SOS 38 (3) - Belle Creek Road
Powder River County
Gravel Surface 12.5 Miles
Contract Approved: October 5, 1978
Estimated Cost: $101,000.00
Work Started: November 28, 1978

Powder River County, Contractor
Broadus, Montana
D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Prob. Compl. Date: May 15, 1979
Effective Opening Date:

Powder River County began work on this project November 28, 1978. Work in progress since that date has consisted of placing gravel on 0.5 mile making this item 4% complete. The contractor worked three 8-hour shifts with 6 men employed. The project as a whole is 2% complete. Construction layout, with a one-man engineering crew engaged, is 10% complete.

SOS 44 (3) U-1 - Hammond Valley Road
(Rosebud County)
Install Dbl 12'-10" x 8'-4" Pipe Arch
Contract Let: August 21, 1978
Amount of Contract: $61,920.00
Work Started: October 11, 1978

Flynn Co., Inc., Contractor
Billings, Montana
C. D. Murray, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Compl. Date: Dec. 1, 1978
Prob. Compl. Date: Jan. 15, 1979
Effective Opening Date:

Progress during the past period has been poor. The contractor worked seven 8-hour shifts with five men employed. 8 cubic yards of Class "DD" Concrete were placed for cutoff walls. Work now in progress consists of backfilling the culverts. Work completed to date consists of removal of existing structure, construction of a detour, hauling and placing 500 cubic yards of bedding material, placing the pipe culverts, and hauling and stockpiling 50 cubic yards of rip-rap. The project as a whole is 63% complete with the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 80% complete.

Kenneth G. Rapp

Kenneth G. Rapp, P. E.,
Supr.-Div. Construction Section

KGR:DM:rjs
cc: Div. File

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STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

DECEMBER 29, 1978

State of Montana
Department of Highways
Helena, Mt. 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of December 2, 1978 through December 29, 1978.

GENERAL

The temperature varied from 41°F above to 29°F below zero with 1.98 inches of precipitation recorded. Roads are in poor winter travel condition.

PRECONSTRUCTION

RF 14-2 (01)75 Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Started: 1/4/71
Survey Completed:

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: DESIGN - Tracing Plan and Profile Template on cross-sections are 100%complete. The design as a whole is 20% complete with 68 man-days expended to date. The design has temporarily been suspended pending alignment study and Hydraulics recommendations.

Five man-days were expended the past reporting period on office computations for section ties. The section ties are 95% complete with 26 man-days expended to date.

Two Dot-West: The P.I.H. was held August 31, 1977. P.I.H. changes remain 50% complete. The design as a whole is 60% complete with 304 man-days expended to date. The design has temporarily been suspended pending Hydraulics recommendations.

RS 236-1 (01) 49 PN-Lohse Ferry Bridge & Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been done on the project during the past reporting period. A Plan-In-Hand meeting was held in the Division Office and on the project on September 6, 1978 in order to resolve the Historical District impact problems and Alignment choice. To date 606 man-days have been expended on the location survey.

RS 294-1 (01) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8/30/74
Survey Completed:

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project the past reporting period as personnel are presently working on construction projects in the Lewistown area.

F 57-2 (2) 33 Stanford East and West
Approximate Length: 13.3 Miles
Survey Authorized: 9/28/76 & 10/24/77
Survey Suspended: 4/6/77

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been accomplished this reporting period. Centerline established, Bench Marks established and Check Levels run are 100% complete. Topography taken is 95% complete. Cross-sections taken are 59%complete, Plan plotted is 38% complete; Profile plotted is 57%, drainage and bridge surveys are 10% complete and Field notes checked are 57% complete. A total of 826 man-days have been expended and the survey as a whole is 58% complete.

F 57-3 (03) 122 Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/15/72
Survey Started: 11/25/74

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was accomplished in the field this reporting period. Section Ties remain 33% complete. The survey as a whole is about 85% complete with a total of 555 man-days expended to date.

DESIGN: Tracing plan and profile linens remain 80% complete. Preliminary grades are 90% complete. Two man-days were used laying preliminary grades for 100% complete. The design as a whole is 15% complete with 31 man-days expended to date.

RS 0005 (57) Musselshell County
Signing Graveled Secondaries
Approximate Length: 17.3 Miles
Survey Authorized: 6/28/77
Survey Started:

Unassigned at this time

Plan-In-Hand was held September 28, 1978. The County has elected to erect the signs on this Project.

RS 000S (68) Fergus County — Unassigned at this time
Signing Graveled Secondaries
Approximate Length: 45.5 Miles
Survey Authorized:
Survey Started:

No work on this project to date.

RS 000S (69) Judith Basin County — Unassigned at this time
Signing Graveled Secondaries
Approximate Length: 23.2 Miles
Survey Authorized:
Survey Started:

No work on this project to date.

M 7106 (3) Spring Street 8th-11th, Lewistown — HKM Associates
Approximate Length: 1100.0 Feet — Consulting Engineers
Survey Authorized: 12/6/76 — Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete. Final Plan-In-Hand held September 18, 1978. No report received.

M 7106 (1) 4th Avenue - Lewistown — HKM Associates
Approximate Length: 0.4 Miles — Consulting Engineers
Survey Authorized: 9/28/76 — Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete. Final Plan-In-Hand held September 18, 1978. No report received.

M 7103 (1) Airport Road - Lewistown — Mitch J. Miller
Approximate Length: 1.4 Miles — Designer III
Survey Authorized: 12/6/76 — Lewistown, Montana
Survey Started: 12/12/77
Survey Suspended: 12/16/77
Survey Resumed: 5/9/78

All location and supporting data was submitted to the Division Design Section on June 16, 1978. Plotting and inking cross-sections, inking plan and profile linens are all 100% complete. The design as a whole is 30% complete with 18 man-days expended to date.

RS 245-1 (1) 6 Miles Northwest-Jordan — Charles W. Buck
Approximate Length: 8.0 Miles — Field Project Manager
Survey Authorized: 9/28/76 — Lewistown, Montana
Survey Started: 5/1/78 — Telephone: 538-8731

No work was performed on this project this reporting period. All items remain as previously reported. Centerline has been re-established and is 100% complete; locating bench marks is 25% complete, sixty-four percent of the R/W 72 Authorization Forms have been signed by the respective owners and returned to the Division Office. Twenty-five man-days have been expended to date with the survey as a whole about 5% complete.

RS 297-1 (01) 9 Hedgesville-North
Approximate Length: 18.0 Miles
Survey Authorized: 1/31/78
Survey Started:

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No field work was performed this reporting period. Five man-days were expended this reporting period establishing Land Ownerships and preparing R/W 72 Forms. All R/W 72 Forms for permission to survey were mailed to respective owners as of November 28, 1978. A total of seventeen man-days have been expended to date.

S 238-1 (01) 0 Lewistown-South
Approximate Length: 2.7 Miles
Survey Authorized: 11/2/77
Survey Started: 4/13/78

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design Section on May 25, 1978. The completed design was submitted to Helena for P.I.H. prints August 18, 1978. The P.I.H. was held September 7, 1978. The design as a whole is 76% complete with 88 man-days expended to date.

RS 294-1(02) 12 Lennep East & West
Approximate Length: 6.9 Miles
Survey Authorized: 5/24/77
Survey Started: 7/5/78

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538 -8731

Forty-six man-days were expended the past reporting period on cross-section note reduction and checking, hydraulics, profile and hardshell. Items and percentages of completion are as follows: centerline 100% complete; bench marks 100% complete; cross-sections 100% complete; ownerships 100% complete; drainage areas 90% complete; bridge situation 80% complete; topography 100% complete; cross-section note reduction and checking 70% complete; profile plotted 100% complete; hard-shell plotted 30% complete and section ties 10% complete. The overall survey is 84% complete with 546 man-days expended to date.

F 14-4 (2) 125 Pipe Failure - Ryegate
120" Diam. Pipe Failure near Ryegate
Approximate Length: none
Survey Authoriz3d: 12/6/77

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been done on the project the past reporting period. Forty-six man-days have been expended to date on the location survey.

F 57-5 (1) 171 Sand Springs-West
Approximate Length: 8.1 Miles
Survey Authorized: 11/20/78
Survey Started:

Carl W. Park
Field Project Manager
Winnett, Montana
Telephone: 429-6611

Survey work has not started on this project due to weather and other project commitments.

F 14-4 (01) 129 Ryegate-East
Approximate Length: 12.1 Miles (original)
Survey Authorized: 03/17/72
Survey Started: 5/17/73

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Twenty-nine man-days were expended the past reporting period completing the line change. The line change information was submitted to the division office 12/8/78; it is 100% complete with 110 man-days expended.

ER 72 (21) Melstone - Mosby
F 57-4 (4) 158 Riprap Musselshell River
Flood Damage Repair
Petroleum & Garfield Counties
Contract Awarded: 12/15/77
Contract Amount: $244,414,26
Work Started: 3/16/78
Work Suspended: 3/21/78

Rehbein Contracting, Inc.
Plains, Montana
Carl W. Park
Field Project Manager
Winnett, Montana
Telephone: 429-6611
Contract Time: 60 working days
Probable Compl. Date: 4/20/79
Effective Opening Date: N/A

Progress the past reporting period has been fair. Work consisted of placing 900 Cu. Yds. of Class 3 Random Riprap for a total of 2300 Cu. Yds. or 100% complete; 4180 Cu. Yds. of Class 2 Random Riprap were placed making a total of 5380 Cu. Yds. or 100% complete. The contractor worked twenty-two 10-hr. double shifts with eleven men employed. Contract items complete with exception of final cleanup and seeding operations. The project as a whole is 95% complete with 91% of the contract working days expended. Construction layout is 100% complete with a three man engineering crew assigned for supervision and inspection.

F 57-3 (4) 122 Grass Range - East
Plant Mix Overlay
Contract Let: 6/22/78
Contract Awarded: 6/23/78
Contract Amount: $510,846.15
Work Started: 8/21/78

R. J. Studer & Sons
Billings, Montana
Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 working days
Probable Compl. Date: 6/1/79
Effective Opening Date: N/A

No work was done on the project during the past reporting period. The contractor is on a seasonal shutdown as of November 3, 1978. All work is completed on the project except the seal coat and related items which will be applied in the spring when weather permits. The project as a whole is 87% complete with 84% of the contract time elapsed. A three-man engineering crew is assigned to the project.

F-TQF 57-4 (3)130 Winnett-East & West
Grade, Aggregate Surf., Plant Mix
Bituminous Surfacing
Length: 6.7 Miles
Contract Let: 8/24/78
Contract Awarded: 8/25/78
Contract Amount: $1,738,387.16
Work Started: 9/25/78

Earth Builders, Inc.
Bismark, North Dakota
Carl W. Park
Field Project Manager
Winnett, Montana
Telephone: 429-6611
Contract Time: 180 working days
Probable Compl. Date: 11/15/79
Effective Opening Date:

Field construction work has been shutdown for the winter. Contractor worked 12 8-hour shifts with eight men employed crushing and stockpiling 1½" Type A crushed base course for a total of 50,000 tons or approximately 50% complete. Other contract items remain as follows: unclassified excavation 33% complete, small drainage structures 35% complete, and farm fence 88% complete. The project

F-TQF 57-4 (3)130 continued...

as a whole is 16% complete with 18% of the contract working days expended. Construction layout is 95% complete with a two-man engineering crew assigned to the project.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section

RWF/JHP/den

cc: Field Project Managers
Design Section
File

RRP 4139(55)
Statewide Railroad Crossings
Pavement Markings & Signs
Contract Awarded 5/31/78
Amount of Contract $382,865.10
Proceed Order Dated June 21, 1978
Work Started July 17, 1978

Pacemaker Industries
Spokane, Washington
R. E. Ewing, Construction Inspector
Helena, MT
Telephone 449-2488
Contract Time: 90 Days
Completion Date: November 28, 1978

The plastice pavement markings and the W 10-1 advance railroad warning signs are complete in all divisions. The flasher for the Foyes Lake railroad crossing at Kalispell was completed November 28, 1978, which completes the statewide plastic pavement project.

The project was a whole is 100% complete with 63 calendar days expended or 70% of contract time elapsed.

Robert E. Ewing
Construction Inspector

SRS 4148(50) U-2
Procurement & Statewide Delivery of
Hospital Access Signing Materials
Contract Awarded: October 4, 1978
Amount of Contract: $25,543.76
Proceed Date: October 25, 1978

Western Sign Corporation
Great Falls, Montana
Bob Crants, Construction Inspector
Phone No. 449-2488
Contract Time: 90 Calendar Days
Work Began: October 18, 1978

The contractor has delivered the sign posts and mounting hardware to various Highway Divisions and is currently screening legends onto sign panels. It is anticipated this will be complete about January 31, 1979.

DIRECT PARTICIPATION
FEDERAL HIGHWAY ADMINISTRATION
NOVEMBER 27, 1978

MONTHLY PROGRESS REPORT

DIRECT FEDERAL CONSTRUCTION

MONTANA

NOVEMBER 27, 1978

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
NRA 1(4)	Big Horn Canyon Ntl Recreation Area " " " " " "	1.793	Grading, Surfacing Bridge	50%	50%	Slatten Const. Co. $1,643,416.65
FLH 7-1(2)	Thompson Pass	12.069	Grading, Surfacing Bridge	29%	27%	Wickens Bros. $2,652,354.00
FH 59-2(6) & F-TQP 28-2(3)68	Beartooth Highway	5.119	Grading, Surfacing Bridge	7% Winter Suspend 11/8/78	0% Spring 1980	Hilde Const. Co. $2,794,257.50
OHAD 18-1	Minutsman Missile Roads	51.800	Gravel Surfacing	47% Winter Suspend	11% 1/10/79	Wickens Bros. $642,940.00
FDR-4724, 25, 26	Miller Creek	13.644	Grading, Aggregate Surfacing	59%	41%	L. H. Johnson Inc. $1,579,018.50
ERFO 71(16) FDR 4541	Kootenai NF		Storm Damage Repairs at 22 Sites	32%	28% Aug 79	Christenson Const. Co. $144,175